75651	CAAATTCCTG	TGTAATTGGT	AACCCAATTA	AACAATATAA	GCAATAAACC
75701	AAATCCATAA	CATATAAGTG	TGATATTGCA	TCATAAGCAA	TCTAGAGATG
75751	ATTTAAAGTC	GGCCCTGAAT	TACATACAAA	TGCTCTGCAT	AAGGTAAATA
75801	TGCACGGTTA	ATGCATAAGG	TAAATCCAAG	GTTTGGGATG	TCTTGTCCAA
75851	GTTCCTGGAG	CCAACCAACC	CCACTTTGAT	ACACAAAGAT	ACTTGTAGAT
75901	TGGAAAAACA	GTGTACCCTG	TGAGGGAACA	CCTAGATTTG	TCTGAGGAAA
75951	TCTAGGGAGA	AAGCAGGGAG	GAGGTGATTT	CTAACCTGAT	GCATAGAAGA
76001	TGACTGGCCT	GGAGGACAGA	TCAGCATGAA	GGTTGTTTGT	TTGTTTGTTT
76051	GCCTGCCTTT	CAGAATTGTT	AAATGCTTAC	CTGAAAACCC	TTACAGGCTT
76101	TTGAGTGTAG	AGTGATAGCC	TCAGACATGA	GATCCAGAGC	CCTTCAACCA
76151	CAGACCTAGA	CTTGCAAGGG	GCCCAGAGCT	GAAATGTTCC	GGGCCATGGG
	CTTGAGGAGG	AAAAGAGTTT	CCGTGGTCAT	TGTCGGCATC	TTCTCAACAA
76201		CCCTTCAGAT	GTGAGTCTAT	CAACAGAGGC	GGCGGAATGA
76251	GAAGGAGCCG		ACCCGTGCAA	ATCTGGTGTT	CCATATGAGA
76301	GCAAAGGATG	GGAGATTATC	ACAAAGTATG	TTCTACACTT	AAAAAAAAAC
76351	TTACACTTAC	TGCTTATAGT		ATCCCAGCAC	TTGGGAGGCA
76401	CCTACCCGGG	CGTGGTGGCG	CACGCCTTTA		CAGAGTGAGT
76451	GAGGCAGGCA	GATTTCTGAG	TTCGAGGCCA	GTCTGGGCTA	AAAACCAACC
76501	TCCAGGACAG	CCAGGGCTAC	ACAGGGAAAC	CCTGTCTTGA	
76551	AACCAACCAA	CCAACAAACC	AACCCAAACC	CTGAAGATGG	ATATCTATTG
76601	CTCTATTTTT	TATTTTTAAA	GATTATACTG	ACATCGCTTT	CCCTTCCTTG
76651	CTTACATTCA	AATGCATGGG	TTTTTTTTA	TCACTAACTT	GTTACATACA
76701	TACATGTATA	TCTATACACA	CATACATGTA	TATCTATACA	CACAAACACA
76751	CACATATACA	CACACATATG	TAATATTTCT	AAAGACATAA	ATACAACCTT
76801	CTTAGTCTGC	ACAGTGCAAA	TTGTACATGT	GGTTTCAGGG	CTGACCATTT
76851	GGTATTGGCT	AACCAATTGG	TGCGATCCTC	CCACGGGAAG	ACTATCCAGG
76901	TCTCAGCTTG	GTTGCCTGTG	TTCTTCGTGG	AGGGTCGAGG	CCTCCTGGGG
76951	GTGACCATCT	TTTTATGCTC	ATCACACCCT	TTCCTTCCTC	CCTGTTGCCA
77001	CCTTTTCTAA	AAATTTCACC	CACACAATAC	ATGTAGTTTG	TTTTCATCAG
77051	TGGTCGAGTA	TGGAAAGCTG	TACTGAAAAG	CAGTCTCCTT	GGCTCTCCCC
77101	CTGTCTGTCT	GTCTGTCCTG	ACTTTTGTTT	TATGATTTCT	GAGGCACTCT
77151	CATGTAGCCC	AAGCTGGCTT	TGATCTTCCT	GCATCACCAA	GGCTGGCCTT
77201	GAACTCTTCC	TTCCATTTCC	TTCATGTTTC	CTATACAAGC	CTGGTCTAAC
77251	TTAGGCCTAC	ACCTCTTGAA	GCTCCATCCT	ATTGCTCCTG	GGCTGGAGTG
77301	TAAACGGTAT	GCAGACAGTG	CCCCGTAGTT	TGTAGCCCAA	CTCTACTTTT
77351	TCATAGTCGA	TGCTGAATAA	ATGACTGTGT	GAAGACTTAT	TCTTTCCAAA
77401	GATAGTTCCT	GTTTTGAGGT	CACTGTATTA	TTTATCAATA	CCAGTTTTAG
77451	AAGCTGCAGT	TGCAAATAAA	TAATGTATTC	ACGTGAGCTT	CTGTGTTGTT
77501	TTCTGTGTAA	CGAGTTAAAG	AATGCATTTA	ATGGTACCTC	AAGCTGGAAG
77551	TAGAAAAGAT	GGATTAGAAA	TGTCCCGCTC	ATTGCTTTTT	ATGCTTTTAA
77601	AATTTTTTTA	TTTTATTTA	TTTTTTTAAA	CTTTGGTTTG	GTTTTCTTTT
77651	GCTGTCGTGA	GCCTGGGTCT	CAGCAGAGGT	TAGTGTCAGC	TCGGCTGCCT
77701	GGGCTGTGAA	CTGCAGATGC	CACTGTAGCT	GAGCTCTGGG	ATTGGCTCAC
77751	TGAGGTCCCT	CACCGTGCTT	CATGTGAGGT	CCAGGAATGT	ATAGTTTTGC
77801	GGTCTGATAT		TTGCCAGATA	AAATCGATGT	CTGGCACTTT
77851	TTTCTAGGAA		AGACGTTTCC	AAGCTGATTT	GTAGGACTTC
77901	ATGTCATTAG		CAGAACTTTT	TCTCAAGTGG	CTGAAAACAT
77951	AAAGGAACTT		GGCTGTTCCC	AGCATGTCCT	GGGAGTGCCA
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78151	CCTCAAGTTI		TTCTTAGTCT		GAGGACTCAG
78201	GTTAGTCTTG		TGCTGTTTGC	TGTTCTATTC	TGTTTTTTTT
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78301	CAGACTGTTG				
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78501	ACACGCATTA				
78551	GGTGGATAGO				
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78751	ATGAGGCCTT	AGGACCGAAA	ACTTGGTCTG	GTTAAAGCAC	CCACAAAAAC
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78851	ACTAGGGCCA	GCTTTGGCTA	TTTCGAGGAA	CTGGATAGGG	AGAGGGATCA
78901	ATCAGGGAGA	AAGCTGTGTG	TGTGTGTGTG	TGTGTGAGAG	AGAGAGAGAG
78951	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGATCT
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79101	ACGGCTGACG CTCCTCCTGG	CGTCCAGGCG	CCCTGCGGGT	CTCAGGGGGT	GGGGTGGGGT
79151	-				TGCGCATTTG
79201	CCTTATGTCA	GGCCACAGCT	ACAGAGGAGA	TGTCACCAAA	TTAACACCTT
79251	CGCTGAGCGC	ACGGCGCCGC	TTTCCTCTAC	AGTGAATGGG	CAAACAGAGT
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79401	TTAATCCAAA	GTAAATATAA	TCTTCTATTA	GCTAGTTTCT	CAGTTATTCT
79451	GACAGCAACC	TACTCGGGGT	TAAAAAAAAT	ATCTAGCTAG	TTCAGCAAGT
79501	CACTATGACG	GAGGGACGGG	ACTGCCTACC	TCCTTCCCCA	CTCCATCCCC
79551	TAGGACCTCT	TATCTATTTG	TAAAAAACTA	TTTCAGAATG	TTCTAATGTC
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79751	TATTCCAGCC	CATGAACACA	CTTGTTGACA	GGCTTGGTCC	CCATCAGTGG
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79851	GGCTTATGAA	TGTTCTGTGT	GTTTATGGGC	ACAAACACAC	GGAGTAAATC
79901	CCTGCCCCTG	GAACTTTTTT	GGTGACGGGG	TACTCACATG	GGACATGTTA
79951	GAAGGTTTTC	AAAGGCGGGT	AGTCCTAGCA	ATATTTCAGA	CATAAATAAG
80001	TTATTATCTT	TCACATCTCC	AGCCTTTACC	AGGCTTTCTT	GAAAACAGTT
80051	AATATTTAAA	TGACACATTT	GTTACCGAGA	GCAAATCAGC	TTGTGTTAAG
80101	TTGCTAATTA	AGTGTCTTTA	AAGTTAAATT	TCAAGTCCCA	AACAGAGGTC
80151	TCTGGAGTGT	GCAATTCTCT	GCCAGGGCCT	TTAGAAACTA	GCAAGAAGCC
80201	AGCCGTGACA	AACTCATCCC	AGTCTCCAGG	GACATCAACG	GCTGTGGCAT
80251	GTGGCTCTGG	AAAACTAGCT	GCTTTGAGAA	ACTCTAGGGT	GGGATTGGGA
80301	AGGGGTTTGT	TTCATGTGTA	AGAGTGTTGT	CACCAATTAA	TTCACTTCAG
80351	AAACACTGAC	TAAACACAAC	CATAGCAAAA	GTTTCTCCTC	CCCCTGCCTT
80401	TCTTTGTACC	AGCCTCCCGA	CACCAGATGG	GAGCCCGGTT	CTAGGAACCA
80451	CAAAATTAAT	TTCCTGCCAC	TGAAAGGTGA	TCCAGCAAGG	GGATTAGCTT
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	TTTGGCTTGC	TTGTGAGTTT	AGTGGCTCAA	AGCGTTCCAC	CTGCACCAAA
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		TCCAATGGAT	GAGTCAAGTT	TTAGAACTTG	GGATTCAAGC
80651	GAAACCAGGT		GGCAATCCTA	GTAGCACTGC	CCCCTCCCCC
80701	TGCTATTAAA	TTGCATTATC		GTAGCACTGC	GTGTAGAGTG
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80801	TTGACAGTTG	TCATAATTCC	TCAAATAACC	ACTTGACTGA	
80851	TATTTTAAAA		TCACTCTCAA	AACTCAAAGA	
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80951	AACAAACAGC			TAAAACAAAA	
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81301	AACGTGAATT	' ACAGTGACAA			
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81701	TTGCTACTT				C ACAATATAAA
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81801	CGTCCCACCC		CACCACCACA	GGTTGAGAAA	A CACCTGCTTT
01001					

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81901	TTTTTCTTTT	TCTTTTTCTT	TTTTTTACTT	ATTCACTTTA	CTCCCACTTA
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82101	AGATACATCG	TTTTCCTTTG	GCACTCTATC	ATGAAGGCAG	TTGGTTTGCT
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82201	GTTGCTAGAA	AAAGATGTCA	TGAATCAGTT	TTGAGCACTA	GAACGCTGGT
82251	AGTTAAGGGG	AGGGCTTGAA	CTTGCATACC	ATTGATCTTT	GCGTTTTAAA
82301	TAAGAGTTAA	AAAAAAAA	AAGTCCTGTG	GTTATGTAAG	CGGTCCTTGA
82351	GGCAGGTTTG	ACTACATTTT	CTTCAAATGT	CAAATTGAAT	AATCCAGTCA
82401	GAAGCACGGG	GTCCCAAGTC	TTGTCAGCAG	TTCTGAAAGT	TAAGATTTAT
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82601	AACTTTGCCT	TGAGAATCTC	ACTCTTAAAA	ATTCTGAGCC	AATGGTCAAC
82651	TCTTTTTGCC	AGTAGTCATT	TATTTTACCG		GCTTTTCAAA
82701	TTCGGGGATA	CTTCACATAG	TTCAACAAAC	TGTATGAGCT	
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82851	ACCATTCTTT	GTGGTCCAGA	GGCCAGCTCT	GAAGTGGGCT	CCTTACCGAC
82901	GACTCCAATG	CACCTTGAAA	GGCAGGAGCT	GAGCGAGGCT	CACGTTTCCT
82951	GCCTGTGCGC	GCCTCTCCGC	TTGGAATGTT	TTTCTGCCAA	CTGAAAGTAG
83001	AGCTTGATCC	TCCTCCTCTT	CTCCTAGATT	AAGCCTGCTT	TCACTCCTTT
83051	GAAATTAGTT	TGGTTCCTGA	CCAGAAATGC	CTAAAAGAAA	GAAAGAGAGA
83101	GAGGCAGAGA	GACAGACAGA	GACAGAGACA	GACAGAGACA	GAGACAGAGA
83151	GAGACAGAGG	AGAGAGAGAG	GCAGAGAGAC	AGAGACAGAG	AGAAGAGAGA
83201	GACAGAGACA	GAGGAGGGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
83251	AGAGAGAGAG	AGAGAGAGAG	AGAAACCAAA	GCTCCCAAAC	CAAACCAAAC
83301	CACAGCCTCT	AGTCTTTCTT	TCTGCTATTT	GGACTTAATC	AAATAGCATC
83351	TACTTTCTCC	TTGCTTTTCC	TCTCCCCCCA	CACCCTTTCT	TCCCCCTACC
83401	CACCCCCTT	CTTCCTTTTC	CTCCTATCCG	GTAACTTATT	TCTTGAGCTC
83451	TGGGGTTTTC	TCTGTAAGAG	GGTATATGTA	AGCATGCATG	CATGCAGGGG
83501	CCAGCAAGTC	AACCACTGGT	CACTGCTCCT	CAGGTACTGT	CCCTTGGTAT
83551	TTGAGACAGG	TTACCTCTAG	GGTCAGGGGC	TCTCTGATTT	GCCAGGCTGG
83601	CTGGTCAGTG	AACCCAAGGA		ATGCGTGGCT	TTCCCCTGCA
83651	TTCCGGGGGG	GGGGGGGCA	TTGATTGAGA	GCTCAGGGCC	TCATGACTGC
83701	ACGGCAAGTA	CTTTACCCAC	TGAGCTGGAT	CCCCAGACCT	GGTGTGGACG
83751	TCCTTTTTCA	AATAGTTATC	TTTGTTTTCA	TTTATTTATT	TATTTATGTA
83801	TGTATGTATG	TATGTATGTA	TGTATGTATG	TATGTATGTA	TGTGTGTACA
83851	GCGGTAGCAT	CCAGAAGACA	TCAGATCCCC	TAGAGGTGGC	TGTGAGCTCC
83901	TGACCTGGGA	ATCCAACCTG	GGTTGATTCT	GGCACAGCAG	CAAATGTTCC
83951	CTTCTTTGTT	GTTGTTGGTT	GTTTTGTTT	GTTTTGTTT	TAGAGACAGG
84001	GTTCTCTGTA	TAATCCTCCT	GGCTGCCTAG	AACTCGCTGT	ATAGGCCAGG
84051	CTGACCTGGG	ACTCGGCGAT	CTGCCTTCCT	CTGTGTCCTG	AGTGCTGGCA
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84151	CTTTTCTCTA	TCCCCCGGTC	TAGTTTGTTG	GTCTTTTCTC	TGCGGTTATA
84201	AGTCTTTGCA	GTCTTCAGGG	TTACACAACC	AGACAAGCCT	TTTTCCATTT
84251	TCTTTCTCTT	GTGTGTGTGT		GTGTGTATGT	TTGTGTGTAT
84301	GTATGTATTT	GTGTGTCTTT		GTATATGTGT	
84351	GTGTGTATAT	TTGTGTGTTT		ATGTGTTTAT	GTGTGTGTAT
84401	GTTTGTGTGC	TTGTGTGTGT	GTTTAGTGTG	TGTGTGTGTG	TGTGTGTGTG
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OHOUL	1011101111				

84951	TCGTCCTATC	TGCCGACTTT	TATGGCAAGT	ACTTTCCTAT	ACTATTGGAT
85001	CCAGTCCTTA	CAACATCATT	TCTGGCACAT	CATTACACTG	TGACCACTTT
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85201	GAGCAACTGA	CTAGAAGGTT	CCACAGAGAA	GGCTATCAGA	GGACATTGAC
85251	CCACATGTGC	ATCACTGATC	TGACTCGTTC	CAAGCAACCG	TAGGCCTCGT
85301	AGGCCTCTCT	GCTGTGCCCT	GTATCACTAT	TTTATGACCC	TTTTCTGGAG
85351	AGGGTCAACA	AGCGTCTCTT	CAATAGCGAG	AGGACATCAA	TAAAGACCAA
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85451	GCGGCCTAAG	GTGAGCCCGT	GGTTGACCGT	TCCCTGCAGG	GGCACAGGCA
85501	GCTTACAGGA	GGCAGCATCA	CTAAAGAGAA	AGCTCTCGGT	TGCTCTCACA
85551	ACCACTGGCT	ATAAACCCTC	AGGGAGGATC	CTACTCCTCC	CCACGGCATG
85601	AGAGAAAGTT	AATGGGCTCA	GTCTTGCCCT	GGTCTCCTGT	GGGTAATTAC
85651	AGCTGCTGAG	AGTTCAAGAG	GGTAACTGCT	ATGTCGATCT	TAGAGGATGG
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85851	CAGAGGGCACA		ACTGGTCTAA	AACTGTGTTT	AAGGTTCTGC
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85951	GACACCATGA		AGTTTCAGGC	CAGCCTGGGC	TATGTAGTAA
86001	CCTGTCTGGT	CTACATAGTA	ATGAAAATTA	AACAAACAAA	CAAAAAAACC
86051	GACTCTGTCA	AAGAAATGAA	TATCGTGCTA	TGTATCTTTT	GTCCTCTAGA
86101	CAACACATCT	AAAATTTGCA	CCTTCCTCCC	TCCCTCCCTC	CCTCCCTCCT
86151	TCTTCCTTCC	TTCCTTCCTC	TCTCTAGACA	GGTTTCTCTG	TTATAGTCCT
86201	TCCTTCCCCC	CCTACTCCTC		GCTAGTCTGG	ATCCACCTGC
86251	GGCTGTCCTG	GAAACCACTC	TGTAGACCAG AATTAAAGGC	GTGGCTAGAT	TGTATTTTCT
86301	CTCTTCCTCC	CAAGTGCTGG	TTGTGCTCAT	TCTCTTGGCA	TTTTTTTTTA
86351	GAGAATTCAT	TGCTCTTAGC		TAATAACGCT	TTTATGGGTT
86401	ATTGATTTGG	GAGACTTTAT	ATATTCAGCA GCCCTGCCCG	TTTTCAGCAC	TGTGCCCCTA
86451	AGTAGAAGTT	GCACTTGCTG	ATGCTTTTTA	AAAAAAAAAA	AAATTATTAG
86501	AACCTGACCC	AACCACTGTC	GTCTTCATGC	TTTACAGTGG	TGGCTTCCAT
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86751	CCGTGTGTTT	CCCTGTGCTG	GGTTAGCCAA	TGCCATGGCT	TTAGGATAAG
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86901	GGTTCTTGAT	TCTTTAGTAT	ACTGTAGTT		GTATTTACTG
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87001	GAAAGTATTG		CTCAGTCACC	CTTTGTTATG	
87051	TCGATCTAAC	TTGACTCCAT			
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88301	TAGGAACAGG	CTTCCCTAAC	AAGGTGTGAG	CAGCGGTGAC	AGTGAGGAGA
88351	GGAGCCCATG	AAATCTGGAG	GCCCATACTA	CTCATAGCCA	GGGTGTCAGC
88401	CAGTCCTCTC	ATTGAAACAG	GAAACGTCTA	ACACTAGCTC	CTCCTGAAGG
88451	GAGTCTCTCA	AGGGCCTGGC	TGGTCGCATT	GGAGGGGCTT	GTGTTTCCAC
88501	GGGTGTTCAA	ACTTCGTTGG	AGTGAGGTCC	AGGATGTGGT	CTGAACCAAG
88551	AGGCTCTCGC	CAGGCTCTTT	GGTTCTCCAC	CACTGAATCT	ACTTGGTCGA
88601	AGACCCGAGT	CATAGCTCTT	CTCCCAAGCT	ATGCAAATAA	ACAGTGTGTC
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88801	CTCACTGTTG	TCGTTTCTGT	TTCCATTTAG	GAAAACCAAG	GCTCGGAAAT
88851	GTTAGGTGAC	CCGCCCCAAG	TCAGCCTTTC	ACAAGCAGAG	CCCAGGGTGC
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88951	CTTCCCACCT	CGCCACATTC	CATCTTGACA	CTGGTAACGG	GATGTTGTTA
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89051	GATTCGAGTT	ACATAATCAG	GAAATCACTT	ATCCTTCTTA	GCGTCTTATT
89101	TGCTTTATTA	AAAAAGCCAT	TGGAGGGGCT	GGAAAGACGG	TTCCGCAGTC
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-	CATGACAGCC	CACACCTGTC	TGTAAATCCA	GTTCCAGGGG	ATCTGACACC
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89351	CCCATTTGTA	AAGAAAGAGA	AAGTGGAAAG	GAAAGAAGAA	GGAAAAGAAA
89401	AGAAGAGTAG	GAGAAGAAGA	AGAGGAGGCA	TCAAATTTCT	GTTCATTAAG
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	ACATAGCATC	ATCTGTGGCA	ATTGCTTGGC	AATTTAAAGG	GCTCCCAGGA
89501 89551	ACTGCATGGA	ACAGTCTTAG	GACATGCAAT	CAAACCCATC	AGACTCTGGG
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89701	TGTCATAGGA		CTGGGAAATT	TCTCGCCAGG	ATCTACTGAT
89751	CTCACGTCGA	TGGAATATGG	AGAACAAATG	TTGGTTTGGT	TTGCCAAGCA
89801	AAAGCACAGC	GAGCACCCAG	CATCCCTGTG	AATGTAACAC	ACATAGTTTC
89851	AGTTTGGCAT	CTCTCCGCTG	GAGTGTGGTA	CTGTTTCCTG	ATGAGGTTCC
89901	GTTGGCTGCA	AAAGCTTCAG	TTACTTTGTG	GCATGGTGGA	AGAAGAATGC
89951	CTCACTGAAT	GCCTGCACCC	GGGCTTGGCT	CAAACAGCTC	AGGAAACCTT
90001	ACCTGTTCAA		CCAAACACTT	CCTTTTCTTC	CTGTTCTTCT
90051	GAACTGGAAG			AAAAAAAACA	ACTAAAATTG
90101	GATTTCGGTC	ACTGTTGTTC	CAGGACAGAT	GGGAATGTGA	
90151	CTTGCATGGA		GTATATATGA	AAGAAGGCAT	GCCTCTTTAA
90201	AAATTCAATA		CTGCATTTTT	ATCCTCTAGA	ACAACAGCAA
90251	AAGGCGTTGT		ATTTATATGC	TTGAAAGTTC	TCAAATGATC
90301	ACATATCAAA			TTAAAAGCAG	
90351	GTGTGCTGGC			ACTTGGGAAG	
90401	AGTGTTACAA			TTGCCCGGGC	TGCAGAGTGA
90451	GTTCAAATCC			ACCATGTCTC	
90501	GTGTGAAAAG			TTCTTACCTA	
90551	AATCCAAGGC				
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90701	ACTCCTGGCC				
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90801	TCATGGTTAG				
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90901	CATCTTCTCC				
90951	ATCCACAATT				
91001	CTGGGAACAC				
91051	CCAATTAATG				
91101	AATGTTGCTC				

91151	ACCGCAAGGG	AAGTTGGGAA	ATGTAGTCTT		AGCCATGTTT
91201	GACCAACTAT	ACAATTAGGT	TTCTAGGGCT	GGAGAGATGG	CTCAGTTACG
91251	TGCCTTTGAG	CCAATGTGAA	GGTGCGAGTT	TGGATGCCCA	GTAAACATGC
91301	AAAAGTTGGT	TGTGACTGTA	TCCCCAGCAC	TATCAGGGAG	GAGACGGGGA
91351	GACCTCTGAA	GCTCCCTGGT	CAGCTAGCTG	AGCAGAATTG	GTCAGGTACA
91401	GGTTCAGTGA	AAGACCTGAT	CTAAATTTTA	AGGTAGAAAG	CCATTGTGGA
91451	AGGCACACAG	TGCTAACCTC	TGGCTTTCTA	TATGTGTGCA	CACATCCACA
91501	GGAACAAGTG	CATTGCATAC	ATACTCGTGC	ACACACATAC	ACACACCTTT
91551	CAACTTTAAT	TCTAATAGAA	GGAGACTCCT	CTGTTGTCAC	TTGGAGCCAC
91601	TTAGACATCT	GTGGCTTCTA	TTTATTTCCC	CACACTAGGA	GTCAGGTACA
91651	AGTGAACCCA	TTCATCAGTC	AAGAAAAAGA	GAGATCAAGT	TACTTGCTGA
91701	GGGAACACAG	CTAGTTCTTT	GTGAGCCTTT	GGGGTGTGCC	TTTACTTCTG
91751	TTCCCTTTGT	ATGTTGTGTG	TCTAGTTTCC	TGTGTGCTAG	CACTGGAATC
91801	GGGGTGGAGA	TACCTCTGCT	TTCTCGGGGT	TGCCACAGCA	GACTGGTACC
91851	TCATTTCACC	ACACCACTTA	AGAACAGGTG	TCCAGGAAGG	TGTCCCATGA
91901	CTTGCCTTTA	GAGTTCAAAG	CAAGCACACG	TTTAATTTTG	TTCAAGGAAT
91951	TCTGTGACAC	TTATTGAGCA	ATGGGTAGTA	CATTTGAGTG	TTGCTTAATC
92001	AAAACTGGGA	ACCAGGCCAA	TCGACATTCT	TAGGTTTGAT	TCAGATTATA
92051	CCTGACTTGT	GGTTAGGTTA	GAAAACCCAT	CCCCCAGAC	TCTCCTTTCC
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92201	CAAATAGCCA	AACATGGCCT	GGATTCTGAT	CCCTTGTTCT	TCATCTCCCA
92251	AATATTGCTA	TTCAGATGTG	TGCCACCTGC	CCTCAAAATC	TTTTTAATTA
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92301	ACTCAGAGGG	CTATGTAGGG	ACTTTGAAGC	TAGCCTTGAC	AAAAGAAGAG
92351	AAGAAAACCT	TTATTCATTA	TTTCTATAAT	TTTTTTCCAG	AGGCCAATGC
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92501	TTTTAAGGAG	GAAAAGAAAA	AAAAACACCA	TTGAAAACAG	ATGTTGTTCT
92551	TCTACGTCAT	CTAACCACTG	GCATCTTCCA	TGGAGCAAAA	TTTGGCAGGA
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92751	AAAGAGGAAG	CCATTTGCTT	GATTCAGGCC	CAGGGTCAGT	TGAGCCACTC
92801	ACCTTTGGCA	GCAAAACCCA	CCAAGATGTC	AAAAATATTT	ATAACCAAAG
92851	ATGCTAATTT	AATGCTGCAT	TAAAAAATAA	TGTTAAGAAT	AATTGTGATG
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93001	ATCACCCAGC	ACAGCCAGAA	CCCAATTTCA	TGTCTTTTT	TTTTTTTTTTT
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93251	GCCAGAGGAG		TGGACTTCCG	GTCCCAGCCA	
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93351	TAGAAGAAGA			AGAAGGGGGA	
93401	AGGAGGGAGA			AGGTTGGTGT	
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94051	CTCAGCTGGA				
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94151	CTTTGATAGA				
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94251	ACATGGCTCC	ACAATGGCGT	TCAAGACCCT	CGTGGTGGGG	ATGTAGCTCC
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94351	GCACCAGAAA	AGTCAAGTAG	AACAAAAAGC	AAATCTCCAG	AAAACTCATG
94401	GTTCATTCTA	GCTGATCTGT	GATTCATCCG	GGTTCGAATA	CCAGGGCTGC
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94501	TTTGCCTCTG	TCTCCCTTCC	ATTTTTTTTT	AACTTCCCAG	CCAGCTCCCT
94551	CTTCTACTTT	CCTGTCTTCT	GCTGAGTGTA	TGAGACTTGC	TGAGTTTAAC
94601	CAGGGGTGCT	CACAGGCTCC	TTCCCAGCAG	CCACAGAACT	AAAATGCCCA
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94651	ACCCTTCCCT	TACTCCCCCA	CCACAACATT	TTGTTGTTTA	TAACTATCCA
94701	GCCTCGTGAG		GCAGCAGGAT	GACACGAGGC	ATCCAGGTGG
94751	GACTGAGGAG	TTTGGTATCA			GTGTGCTAGC
94801	AACAGATTGG	TGATGTCCTA	TGGATGTCCA	TACCTGAGGT	
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94901	CCTCAGTTGA	GAAAATGCCT	CCATAAGATG	GGTTGTAGGC	GATTCTGTAA
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95101	GCTGACTACC	TCCCCAGCAG	TGTACCCCAG	GTACTTGCTG	GTTCTCCTGG
95151	CCCTGTGCTC	ATGGTCCATC	TCCACTCATG	GCAGCTCCCC	TCCCCTCTCT
95201	GCAATCCCTT	ACCAGGTAAC	TCCAAACCCT	GTCTACCTCT	AATCCCTCCA
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95351	ATGGAGGAGC	TAGAGAAAGC	ACCCAAGGAG	CTGAAGGGGT	CTGCAGCCCT
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95501	GAGGTCCCTT	GGTTTTGCAA	ATTTTATATG	CCCCAGTACA	GGGGAACACC
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95601	TTTGAAATGT	AAATGAAGAA	AATATCTAAT	AAAAAATTT	AAATAAATAA
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95801	AGCCCAGCTC	ATAGTGGGTA	CAAGCTAGTA	ACAACATCCC	TCCATGGCCT
95851	CTATAAGAAA	GAATGCTGGG	AGGTTTCTGT	CCTTTTTGAG	TTCCTGTCCT
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96101	CAGATACTCA	AGCCAGGCCA	GTGGCTAATA	GTCTCTTCCT	GATGCCTATG
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96201	TGCCATGCTT	CCCAACATGA	CAACGGACTA	AACCTCTGAG	CTGTAAGCAA
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96301	TTCATAGCAA	TACAAACCTT	AAGACTAACA		
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96401	AGCAATAGCA	ACCCTAACTA	AGACAGGTTC	CATTTCTGAA	
96451	TATTCAACTG	TCAGCTCCAG	AGTTTCTCAT		
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96751	GGGTCCCTGG	GTGAGGTTAG	GGTGGGGTAG	GATTTCTTGC	CAGATCTTCT
96801	TACAAGTAAC			: AAAATGTCAF	GATGTTATTT
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97401	CTAGGCCTAG	ATTAGTATCC	CGAGCTTTTG	TTCCCACCGG	AAAGAACATG
97451	CTCAGGACAA	CCGGAATCTT	CTGCGGCAAA	AGCTTTATTG	TTTACTTCTT
97501	CAGGGGCCAG	AGAGAGAATG	GCAAAACCCC	GTCCCTTTTA	AGGAGAATTA
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98751	CCACAGTTCT	TTCAATGGCT		TGCATACATA	TATGTATGCT
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98851	TGTTTGTTTT	TGGACAGATT	CTCACATCAT	AACCTTGACT	CACCTGCCTC
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	TCCTGGCAGC			_	
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101551	ACTCAAGAAT	ATAACCAACC	TCTCATTAGA	GATGCATGGA	TCGTGGTAAA
101601	GAGTTTTGGA	ACAGGAATGA	GCTTTTCAAA	AGCTTTAAGG	CTCAGGTATA
101651	GCCATTTTCT	CTCAGGATAA	GCTTTATATC	CTGTGTGAAA	CAGTGAGCTG
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101801	ACAAAAACAA	GGAGACAGAT	ACTGTGTCTG	ACATGATGTC	TGACATGATG
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101901	TCTCTCTGTG	TGTCTCTGTG	TGTCTGTGAC	ATACCTGCAT	GTTGACACTG
101951	GATGTCTCCT	TTGACTGCCC	TCCGCTTTAT	TTACTTGGGG	CAAGGTCTCT
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TOSSUL	. 11 102 101 10 CM				

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104331	TAACCATCAC	ATTGCATTTT	CTGGATGCAT	TCCCAAACTA	AGTGTCTGCC
104451	ACCTTCGACT	GACTGACTGT	AAGAGTTAGC	TTGAAAGCCA	GCCTCTTTCC
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104701		GTGTGTGTAT	GTGTGTGTCT	TTGAGAGAGT	GTATGTGCAT
104751	GTCTGTATGT GTATGTGTGT	GTATATATAT	GTATGTATGT	ATGTATCTGT	AAGAGAGTAT
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104851	GTTTGTGACT	GTGTGTATGT	GAGTGCTTGT	ATGTATATAT	GAGTATATGC
104901	TCATATATGT	GCGTATGCGA	GTGTGTTTGT	GTGTGTGTGC	CTGTAGGTGT
104951	ATGTATGTGT	GTATATATGT	GTGTGTGAAT	ATATGTATAT	ATGAGTGTGT
105001	TTGTGTGTAT	GTGTGTATGT	ATATGTGTAT	GAGTGAGTGA	TAGTGTGATG
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105151	GTATGTATGT	GTGTGAGTGT	GTAATGTATG	TGTGTATATG	TAAGTATGTA
105251	TATGTATGTG	ACTATGTATG	TACATATGTG	TGTATGTATG	TGAGTATGAT
105251	TGTGTGTATG	TATGTGTGTG	TATGTATGTG	AATGTGGTTG	TGTGTGTGTG
105351	TGTGTGTGGT	ATATGTGTGA	GTGTGTATAT	GTATATGTGT	GTGAGTGTGC
105401	GTATATATGT	GTGTGTGGTT	GTATATGTAT	TTGTGTATAT	GTGTATTGTG
105451	CGTATGTGTG	TATGTGTGTG	TATGTGTGTT	TGGAGGTATG	TGTATGCAAC
105501	TAGAAGCTGG	AGATTTTTGG	TTTTGTTTT	TCTAGATTAA	CAACACATTT
105551	TTGCCTGCAT	GGGGGAAAAT	GTTGTAAGGC	AGATTAGAAC	AAAACAAGCC
105601	AAAAGCAGAG	CTAACGTTGC	CTTCTTGACA	CCTTATGACT	CACCTAAGGC
105651	ATGCTGATCA		TCAGTAAACC	CTGATGAAAG	GGGCCAGGGC
105701	CAGTTCTGGG		GGCAGTGCCA	TCAGCATGGC	TTGCTCATGC
105751	TTTGAGTATG		AACTTCAGTT	CTCCATTGCG	ATACTCAGAA
105751	AACATGAAAT		GGCTTTCCCT	GCTGGCAATC	CCATTCTGAG
105851	GACTCATGAA		TTATAGTCCT	GCTGGAGCCT	
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105951	GGTGGAAGTC		CTAACTTTGT		
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	CATTATGTTA				
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106751	CGCCACCACG	CCCGGCGATT	TGAATCTTAA	TGTTCCCCAT	TAGTTCACGG
106801	ATTCGAACAT	TTGGTGCCCC	AGTTGCTGAT	GCTGTTCAGG	AAGGTTATGG
106851	AAACTTTAGG	AGGTGGAGCC	TTGCTTGAAG	GAAGAGCGTC	GTCGTGGGTA
106901	GGCGGGGTGG	GGTTTTATGG	TGTGGTCCTA	CTTCCGGTTC	TGGGTATTTT
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107201	TAGCAACGCC	CTCCACTCTG	CGCTATGTAT	AATCCATTGT	CAACTCAGCA
107251	AAAATTATAT	ATTTAAAACA	CAGAGGCTGG	GGGTGGTGGT	ACACACCTTT
107301	GATCCCAACA	CTTGGGAGGC	AGAGGCAGGC	TGGTCTCTGA	GTTAGAGGAT
107351	AGCCAGTTTG	AGGACAGTCA	GGGCTACACA	GAGAAACCCT	CTCTTGAAAA
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107451	CCCAACCTGA	AGCTCTTCAG	TTTTTTCCCT	AGCACTCCAA	GTTAAATTCC
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107551	CCTCTCTGAC	CAGTTCCCAT	CACACTCTCT	TGGTCTCACT	GCTTTCCAAC
107601	CTGCATGGCC	CACACCCAGT	CTCTTCCTTT	TTTCCCATGC	GTTTGCGCAC
107651	ATGAACAATG	GGTCTCCCAG	ATCTCTGCAC	TGTCGGCTGC	GGTTTATCCT
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107751	TATTGGTTCC	ATACTCTGAC	TTTATTTTTC	AATGTATGGG	GTGTGTATGT
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107851	GAGAGAGA	GAGAGAGAGA	GAGAGAGA	ACACTTAATA	TGGAGAGCAC
107901	CAGGAAACAT	GGTTCTTGGC	TACCTTGTAT	GTGGTTGTAT	CAGAACCCCA
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108101	CTATAATAAA	ATACCCGAGG	CTGGGTGAGA	TTATAAAGAA	AAGAAGTCCA
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108201	ATCATAAGAA	AAGATCCCAG	GCATAAGCAG	TCTTGTGGGA	CTAAGTTTTC
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109651	GCTATAACCA				
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109851	GCCTCCTGTT	AGTTTCATTT	CTTCCCCAAG	ACAGTTTCAC	TTCTGCCTGT
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109951	TCCAGGAACC	ACAAATGAAA	GAAAACATGT	TCTATTTTT	TTTTCTTTCT
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110251	GAGACCTCGA	TACTGATTGC	CTCAGTGACT	GGACCAGTTT	ACCTTCCTAC
110301	CAGGGGTATA	GAAGAGCTCC	CTTTGTCCGA	ATGTGGCCAG	TGTTTGCTGT
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110401	TATTTTAATT	TGCAGCCATC	TGTTTCTTTA	TAATGTAATT	ATTTAAGAGC
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110801	CTAGGTGTGC	TTATTCTTCC	CAAATAACAT	TTCTTTTACT	TTTATGCCTC
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114051	CTGTTTTATG	GGCAATTTAA	GGCATAATTT	CTTTTCCAAA	ATCACGTTGT
114101	GCTCTTTAGA	GAGGCTTGAA	AGTGCCATGG	GACCTCACAA	TTTATAGAGT
114151	TTGAAATTAA	TTTGAACCTG	CCATTCGTGT	TTGTGGGCAT	GAGTGCGTGT
114201	GTACCACAGG	ACCCACACGA	AGGTCAAAAG	GCAACTTTTG	GAGATTGTTC
114251	TCTCCTTCCA	CCATGTGGGT	CCCAGGATAG	AATCCAGTCA	CTAGGCTTGA
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114351	TTTTTACAGT	GGCTGCAGGA	GCTCACAGAA	GATGCTGTTT	AGAGGGTGTA
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114451	ATATGCTGGA	ACTTAATTGC	TAGTCTGACC	TTATCCAGAG	ATGGGGCCAC
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114751	ATTCTTGCCA	AACCACCCCG	GAGTGGTTCG	GAGGAAGCAG	ACCAGGGTGG
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114851	CAAGACGTAC	AGCCAGCCCT	TCCTTCTCAG	CCTTTTGCCC	AACGCTGACA
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115351	TGAGATCTTC	: AGATCTCTTC	ATTATTGATG	TCTTTGCTCC	TGCGGGTCAT
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117451	GTCAAGGGGA	AAACAGGGGC	ACGAGGCTTT	AGTGTAGTCT	CTGAGGGATG
117501	CATATGTGTT	ACTTGGAGCA	GTCAACACTG	TCTTCCCCTC	TACCTCCTCC
117551	CCTCCTCTTC	TTTAAAATGA	TTTTATTATG	ATGTGTGTGT	GTGTGTGTGT
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117651	TCCTTCCATC	ATGTGGGTTC	CCAACATGAA	ACTCAGGTCC	GCAGGCTTGA
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117851	CTCAAACGCC	ATCACGCCAA	TTGTATTGGC	TCTCTGTGTA	TTGGCCTTTC
117901	CATGTGTTTG		TACACACACA	CACACACACA	CACACACAGA
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119101			GAAACAACTT	TGTAAGATTG	CTTGAGAGAA
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119301		AATGCACACT	TAATTCTTGT	GCGCGTGTAG	GGGCACCTGT
119351	GTGTCTATGT		TGCATGTGTG	TATGTATGTT	CCCATGTTTG
119401	TGTGTACCTA		TGTACCTGTG	TGCATGTATA	TGGAAGTCCA
119451	ACACTGATGC		CTTTAAGCAC	TCTCTGCTAT	AATTATCAAG
119501	GCAGAACTCA	CAGATTTTAG	ATACTCCAAT	GAGCCGGGGA	GTCTCCTGTC
119551	TCTGCTTCCT	TCATCCCTCA	TACCGGGATC	GCAGTTGAAG	CTTTACACGG
119601	GTACTGCAAA	TTGAAAAACA	CCAGTTCTCA	CACTTGCGAG	GAAAGTGTTT
119651	CATCCGTTGA	GCCAACTCCC	CAGCTCCCAT	ACTTATTTCT	TGACAATAGT
119701	TACAATATCT	GGAATATCTA	GGGTAAAATA	TCATGTACTA	ATTAGATACC
	TGTCTAACAA	AATACCCAGT	TAATTTATCA	AAGCTAAATT	ATTTTGGCTT
119751	GCAGTTTTGG	AGCTGCCGGT	CCATGGTTGT	TTGGCTCTTG	TTTTGGAGCC
119801		CAGTAGTGTA	GTCAGCAGTG	TGATAGGAAG	CTAAAAACAG
119851	TGTGGTGAGG	GGCCTGGGAC	CTGCAGTCCC	CCTTTGAGGG	CACAGAAGCT
119901	GAAGAGGAGG		CTGCAGTCCC	GCAGTCCCCT	TTGAGGGCAC
119951	AAAAACAGGA	AGAGGAGGG	GGAGGGGCCT	GGGGCCCGCA	GTCCCCTTTG
120001	AGAAGCTAAA	AACAGGAAGA	CGATGATCTA	AAGACTTCAT	GTTGTGCCCT
120051	AGGGCACCCC	CCCCCCCCC	TCTCCACCAT	ATTCCTAGTG	TTGCCCAGAA
120101	AGATAGGCCA	ACCATAAAAG	AGCATCTGGA	GAGCATTCGA	GACCAGAACT
120151	GGGTAAAGAT	CTAACGTATG	TGGGCTTCAG	TCCTATCATC	TGGAAAATGG
120201	GCATCAGATC	TTACTGTCCC			TAATATATAG
120251	GACCAAGCCT	CAGATCGCAG	TTGTTTGAAA	CACCGGGAGA	TTCCCCCTTA
120301	ACAGTGTCAA	GCATGCTATC	TGGCCCACAG	TTGGAGTTTT	TCTATGTAGA
120351	GGCAGGGTCT	CACCAGTTAA	CTCTGGATGT	CCTGGAACTC CCTGCCTCTG	CCTCCTGAAC
120401	CCAGATTTGG	CTCAAACTCA	CAGAAATCTG		TAGTTAATTC
120451	TCTCCACACC	CGGCCTCCAT	AGTTGGCGTT	TAATAAACTA	CATATTCGAA
120501	CCCTATTTCT	CAATCAGTTT	TATTTCCCCA	GGAAATCATT	ACTTTACACT
120551	AGAGGAATGA		TTTCCCAGGA	ACTCGAATAA	GAGATTCAGC
120601	TCATGTGTTA		TCTGAAATTC CTACGTGCAC	ATGCATAGCT GTCCAAGCTT	TCTGTTTTGC
120651	TTTTCTTTCA	CCCAGTTCCT	CCTGCCTGTG	TCCTAGAGTC	CAGGCAGAAG
120701	TAAATGGTCT	CACGTCATCT		CCATAGCGTT	CACCCTCTCT
120751	GTGAAGGAAG	CACCCGCTCT TCATAGCATC	GTAGTAGCAT CCTAGCTTCC	AGCCTGGCCC	GGTTGCTGGT
120801	GTAGGAACGT	TATTATTGGC	TTGTACCACT	TACTCCTTTA	CCTTTCCTTT
120851	GCGTTTTCAT	CCCACGCCAC	TCCCTGCCGC	CCCCACAAAC	AGCTGCTATT
120901	GCTCTACCTC		TTCTTGTGAA	CACTGGGAAT	GGCCAAAGTC
120951	GTTGGCTGCT	CCCAGGATTA	TTTTTTTTT	TTTTTTTTT	TTTTTTTTT
121001	TTCCCAGCTG	GCTCCTGGCT	GTTTTACAGT	CTCTGGTTTT	TCACATCAGC
121051	TCCTTTCCCA	AAACTGAAAA	CAGTCCTGGG		GGCTCTGTGA
121101	TGTGCTGTCT	GCATTAGAGA	CGTGCCTTTA		
121151	GTCAGCCCCT	CCCTTTTAAT	TTAGTTCCCT		
121201	ACTCCTAAGA	CAGAAATCAC	ATGGGGTTTA		
121251	CCTTGATGTG	TCTTAAATCC	ATGAACAGTG		
121301	TTTGAGGCTA	GCCTAGCTAG	GTGTGTGTGT		
121351	TCTTCTGTTT	TTATTTGTGT	-		
121401	GTGTGTGTGT	GTGAATAATT	CTTAAGGAGT		
121451	TCACTGACAA		AAAATGACAT		
121501	AAGTGACATA				
121551	GGCCGGGTAT				
121601	TCAAAACTGA				
121651	GAAGGCATTT				
121701	TCCAAGACTA				
121751	GCTCTACATC				
121801	CTTTATTGGG				
121851	GCTATGTTTA				
121901	GAGCCTGGGC				
121951	GGCAAGGGCA				
122001	GCTCACTGTC				
122051	CTTGATGCCC				
122101	GGGACCCAGC	: ACCTTTCATC	TCTGTGCCAT	LIGICITATI	CICICCAGGG

122151	ATGCTTTGTC	AGGTCTTTGT	ATCAGACGTG	GCCCAATGTC	ACACACAAAA
122201	TGCAGGTCCA	CACAGAGGGG	TTCCCACTCT	GGCTTTCCTT	GGCTCTCTCT
122251	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT		CTTTCTCTCT
122301	CTCTGCTGAG	TTTTCATAAC	TAAGATAACC	TGCAACTCTA	AGTAGTCAAG
122351	GTTGCCCTCA	AATTCCTGAT	TAACCTACCT	CTACTCCCCA	AATTCCAGGA
122401	TTACAGGTGT	GTACCACCAC	CCCAGCTTTT	TGTTGCTGTT	TTGAGGCAGG
122451	ATCTCATATA	GCTCAAGCTA	GTCTCAAACT	CCCTATGTAG	CCCAGGTTGT
122501		CTAGTCCTAC	TTTCTCTTCC	CAAACCCTGG	GATTACAGGA
	CCTTGAGATG		CCAGATTTTC	TTAATCCCAA	CTACAAGGTC
122551	GCTGAGTGAC	CATGCCGGGC		GTGTACTTGG	ATGTTCCTTC
122601	AGCAAAAGCC	AAAGGAAGAA	GAAATGTTAG	CCCTTCCCTC	CCCTCCTTTA
122651	GCTCCTCCTC	CCCTCCCCTC	CCCTCCCCTT		
122701	TCCTTCCCTT	CCTTCCCTTC	TCTTTCCTTT	CCTTTCCTTC	CCCTTTCCTT
122751	CCTTCTCTTC	CATTCCCATC	CCTCCCCTCC	TTTCCTTCTT	ATAATTCTTT
122801	TTTTATTTCT	TTCCTTTTCC	TTCCCTTGTT	ATGTTTTATC	TTTTCTTTTC
122851	TTTTCATTTC	TTCCCTTTAT	CTTTCTTTAC	CTTTCCCTTT	CCTTTCTTTC
122901	TTTCCCATTT	CATTATTATT	TTCTCCTTTC	TTTCTCCTTA	CCTTATTTTT
122951	ATCCTTCTCT	CTTTTCATTT	TCTTTCTCTA	TTTCTCTCCT	TTTTTAATTC
123001	TTTTTTCTTT	CCTTTCTATC	GATTTTTCCG	TTTTTTACTC	CTATATTAAG
123051	ATTCTTACTT	AATTTAATCT	CTTTTCGTTT	CTTCAAATTT	ATACCTCCTC
123101	ATTTTTTTGT	CATACTATTG	CCTTATTTCT	CTTATATATT	CCTTTTTTAT
123151	CTTCACTATT	CTACGTGCTT	TCGCGTTACT	TAGTTACGTT	TTCCCCATTT
123201	CCTCTCATTC	TTTCTCTTTT	ACTCTTATCT	CTCTTGCTCT	TCCTATATGT
123251	TTTTTACTTA	CATTTTTACT	TCTTTCTTCT	CTTGTAGCGA	TTCTCCATTT
123301	TGGCTCTTTT	TGTCATATTT	CTTTCATTTT	GGCATTCTTC	ATGATTTTTA
123351	CTCTTCTGTC	ACTCAACATG	TTAATTATTT	TTAGTCCTTC	TTGTTCATCT
123401	TGATATGCAT	CTCCTTCTTC	TCTTCTCTCT	CATCATTGCT	ATGAATTCTT
123451	TTCTACCTXX	XXXXXXXXXX	XXXXXXXXCG	CGGGCGTGCG	TGCGGCGTGG
123501	GTGGCGTCGC	CGGTGCTTGG	GCGCGTGGCT	GTCGTGCGCG	GGCCGGTCCT
123551	TGCGGTTGCG	GTGTCGGCGC	CGTCGGCGCC	GTTCAGGCCG	GTTCGTTCGC
123551	CGGTGCGTCC	GCGCCCGCTC	CGGTCGTATG	GTGCGCACCC	TGCCCGTCCC
123651	GTTTTCATCC	CGTCGCCGGG	GCGTCGGTCC	CCGTCCCGTG	TCGCCTGTCG
123701	CTCCCGTCGC	CGGTCCCTTC	CCTCCTGTCG	TTCCTCTCCC	GTTCCTGTAC
123751	CTTTTCTCTC	CCCTCCCTTC	CCTCATTCCC	CTCCCCATCC	CCTCCTTTCT
123801	CCTCCCTCTC	AGCCCTCCCC	TCCTCTCCCC	TCCCCCTCCT	CTGGAGTTCT
123851	TTCTAAGAAC	TGCTGGTTTC	ACAGTGTTCT	TCTCTCTTAT	TCCAGAAAGC
123901	AATCAATCAA	ATCAACCACA	CACACCAGGG	GTCAGGACTT	TAATCTCCCT
	CACAGAGGTT	ACTGAATATA			AGTTTTGGAA
123951	TCTGGAAGGT	ACCATTCCAG	CCGTGACTCC	TCTTGCTGCC	TGGGGACTTG
124001					GTAATGTAAG
124051	GACAAATGAG	AATAAAAGTA	TTAAGAGAAG		AAAAATTCAC
124101	AATTAAATGA	GATTATGAAA	ATGCTATGAA	ACCTTTTTA	CACGAGATAG
124151	TTCCTAGTCT	CTTTTAGGGG	TTCTAAAGAC	TAGAAATGTC	
124201	CAAAGCCACC	GGATCCCACT	AACCAAGTCT	CATGAATTTC	TTCTCCTAAC
124251	AACAGTTCCT	TCTGGAGTTC	AGGCTTTAGT		GTGTGCACAC
124301	AAGGAAGCTA	AGGTTTCCTG	GCCTTAGGTA		CCACAGAGAC
124351	TCACCTACGG	GATTTTAACC	AGAACTGAAA		AATGGAAATG
124401	CTAATGTAGA		CTCATCGCTA		TACAGACAAG
124451	GGAGGAGAGC	AGAGAGAGCC	GAGAGGCAGA		
124501	GGAGCGCGCT	GACTGCTTGT			
124551	TGCATGCATT	TGGGAAGGAG			
124601	GATCTCGAAA	GCTAAGAGAA	GTACTTTTAA		
124651	AAAAAAAGAG	ATCTTATTT	TATATTAAGT		
124701	GTGCAGGTGC	CTTCTGAGGC	CAGAGATAGA		
124751	ACCCAGATGG	TTGGGAGCCA	. TCTGGTGCGG		
124801	GTCTTCTGCA	AGATCAGTCC	ATACTCTTAA	CCACTGAGCC	
124851	CCCCTCCTAG	TCGTTTTTTG	CATCGATGAA	GAGCTATGTG	ACTGAAGTAA
124901	GGCAAATGGA	. TCGTGGAAGT	AGGTAGTATA	TATCTCTTAA	TGGGTCTGGA
124951	TAAATTAATA	CCCCCAAACC	TACTACGGAA	CATCATAGTT	TGGTAACACA
125001	AAATTCTGGA	. GTACTGGTTG			CTTTCCTGTC
125051	ACCAAGAGAC				GCCAAGGAAA
125101	AGAACAAATT				
125151	CCATTGAATG				
125201	CGATTTGCAA				GAAAGTACCA

125251	TGTATGACAA	ACAAAACAGA	AGCCTGTCCC	CCCCCCCCC	CCAAGTGTGC
125301	TTGTTTTGTG	TATGTATCCC	TTTCTGCCTG	CCGGAAGTGG	TACCTTCCCC
125351	TCAGCGGTGA	AGTATTCCTG	GCTGATTTCA	GGACTCAGCT	CTGTACACCT
125401	TCAGAGAACG	GCGGCTCATA	CTTAGGGTTA	AATCTTTGTG	CCATACTCTT
125451	AACACAATCT	AAATATGCTT	CCTTTGAAAA	GCAACAGTTT	TTCACCTGCA
125501	AAGATCATAG	ATGTTCAAAA	TGACTCCTAA	GGTTTGGATA	TGGTTGCAGT
125551	GTGTTCCCCA	AGAGGATGTA	GGCTGGGAGC	GGTAACCAGA	GAAGATCCTC
125601	CTAAGCAGAA	GCCCCTTCCT	CTGGCTTTCT	GTCTTGCCGT	GTGATTTTTT
125651	TTTCTTCACC	TTGTGCCATC	ACTGTGATGA	CGTTTGCCTG	AGGGCCTCTT
125701	GAGGGCTGAG	GTAATTCTAG	TGTTATACCC	TTCTTTTTTT	TTTTTTTTT
125751	CCTTCCTTAA	GTAATTTGGC	CTCGCACAAC	CTGGTGACCG	CTGTCACCGC
125801	TAAGGAAATT	GTGGCAGGTT	GGGGGTTACC	TCAAAGTTCG	GCCGCGAGCT
125851	TGTCCTGGCG	AGTGAGAACT	TACTCCCGCA	CCGCCCTCTA	TGAGCTGCTG
125901	GGGTGTCCCC	TCCACTCTCA	TACCCGACGC	TTATCAATTC	TGGGCAGAAC
125951	CATCCTCCGT	CCGTAGCAAG	TATGACCGAG	GTCTGCGCGG	ACCCGGTGTC
126001	AGGCTCTCTA	AGATGCCTGT	GGTCTATCCT	AATCTGCCCC	TGCCCTCCTC
126051	CTTATATGCC	TCAGGCTCAG	GGTGGCTCTC	CTTGAGACCA	TGGCATTCTG
126101	TTCGACTTTG	ATGCCTTCTA	CCAGGCGCAC	CACGGACACC	AGCTACCTAG
126151	AGATGTGCGT	CTGTCAGCCT	TGGGGGAAGG	CCTTCACGAA	AAGCAGGAGA
126201	ACCAGACCAG	CAAAAAGTCA	TCCTTTCCTT	TTCTTCCTCT	TGTCTGCTTT
126251	CGTATTTAGT	CGGAGAAAAG	GAGGGAAACG	GATCTGGCCC	AAGAAACCCA
126301	ACTTTTCTGG	CCTTGAACTA	TGGTCTAAGA	TTGAATTGAC	TACCTCTGGT
126351	GGGGTTCTCT	TGACCCTCCT	AATACCCTCT	AGCCTGGCAG	GTGATCAACA
126401	TGTCTCTCTT	GTATGGTCCA	GAAAAGACTC	TTATCAGCGG	CCAAGAACGA
126451	GGCCCCAGGA	TAAAGATTCC	TGAAAACCAG	AAATTTAAGT	GCTTTCCAGA
126501	GTCCCTGAGT	GGCTGTTCAT	TTCTAAAAGT	TCCCTTCCAG	ATGCCAATCC
126551	CCGAAATACT	TGCTGGGGTC	TTATCCAGAA	GTCCTGAGCA	AGATTCGCCC
126601	TGTCCCCGGA	ACAAGTCTGT	GTAATGGGTA	CCTCTGTAAC	CTCTGAGCCG
126651	TGAGACTAGA	TTTGGTTGTC	CGAAGCCAAT	AAGATTTCAT	TCTTAAGGGC
126701	TTGCATGGAA	TTTGTTTTTC	TGTCTTATCA	CAAGCCACAG	GTAAGACTCG
126751	ATCAATGATC	CAATAGGTAA	CGGGGATGCA	GCTTGCAGGG	GGTGGTTCTG
126801	ATGCTAAGGC	CCTGTTCCCA	GTGCCTCAGT	GAAGGAAGGC	TAACCTGCAA CCCGCTTCCC
126851	AAGGCACTGG	GTTTGAAACC	CAGCTTTTTT	GTCTTTGTGT	
126901	CACTAAGAAA	ATAAGTTAGC	GAGAGATGCC	AATTTCCCCC	CTCTGGTCTG CCCTTAAGGA
126951	TTCCATGTCA	TTTCTGTCAC	GTGGGTTTGA	GAAAACAAAG CCAGGGGAGT	GGCCTTGGGG
127001	TGACGAATAC	ATTCCTGTGT	CAAAATTTAC ACAGCAGGAG	GTGATTTGTC	CTCCTAAGGT
127051	AAAGGTGCTG	TGTGAGCCTA TACTCAGATT	CTACTCCAGT	GGTGGCATAG	
127101	CTGTCCCCAT		GGACCGAGTT	CCTGTCCTTG	
127151	CTGAGGCCCG TCACCAGCCA	GTTCATCTTG CTTGCATTGC	TAAGAGTGCA		TTGGAGGTTG
127201		TGTGGTCCGT	GCATCCGCAG		
127251 127301	AGTTCCCGAG AGTCAAATCC	TTCCAACGAG	GCTGTTGGAC	TGTGTGAGTA	
127351	AGATGAAGCA	GGAGGCTCAC	TGGTCAAGGT		
127401	TAATCCAGCG	GGGCTGTGGC	TGGGGCATTG		
127451	CTGTCTTTAA	AAGGATACAG			
127501	GAAACCACAG	ACCCGCAGCA			
127551	GCATGCCTCC	AACACACAAA			
127601	ACCAGGCTTC	ATGACGCTGT			
127651	TTATGTGTCA	CCGACTGGCC			
127701	TGAGTGCTAG				
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127801	CCCCAGCTCC	CAAGATTTTA			
127851	ACTTGGCCAT	GAACGTTAGC			
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128101	TTCCTAACTC			CATCCACAC	GTGCATCTTT
128151	GGCCTCTGTC				GACAGCATCT
128201	GTATAATCCC			C AGGAAGGTCT	r ccagcttaag
128251	GCCTGCCTAG	GCTATTTATT	CAGTGAGACO		
128301	CTGGCTATGG	TGCTCCACAC	TTGTAATCC	C AGCGCTGGGC	G AAGCAGAAAC

128351	AGGAGGATCG	CCCTCAGGGT	GGTGCACCAG	CTGGGTCTGC	ATAGTGAGTT
128401	AAGTGCCAGC	TGGGGCTGTA	TAGTGAGGCC	CTGTATCAAA	CAGAGAAAAG
128451	GGGAAGGGGT	GGACCTATGA	AGCGGCTCAG	TGCGTTACGG	AGTTTGTCCT
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128551	AGGAGAGAAC	TTACTCCCAA	AGTTTTCCTC	TAACCCCTGC	ATAAGCATCC
128601	TGTGCTGTGC	ATGTGAAACC	CCATACCTCC	CACTAGACAA	AATAAAGAAA
128651	TGTAAATAAG	TAAAAATAAA	TAGTGTAAAT	ACATTTTACA	AAGTTATTTG
128701	GCCTCAAGTA	TTTTGTTGTA	GTAACTATTG	CTTAATTGCT	TGCTACAGTT
128751	GACTAACACA	TTGCTACAAA	GTTTGGAAAG	TTCAAAAAAA	CCACCCCCAC
128801	AATCTCCCAT	TATTCCATCA	TCCAAGGGGA	ACACATATTT	TCATACGCAT
128851	AATTTAGCTT	TCCAAATTTT	CATTTTGTAT	TTGCTCTTGC	CTTAGACATC
128901	ATGAAGGATT	TCCCAGTTAC	CTCCAGGAGA	CTGTAAAATG	AAGTATGTAA
128951	GAGCTTGAAA	GATACGCCAT	CGCTAAGCAT	ATCCAATCAT	TAAGCATTCT
129001	TATTATGATT	ATTACTATGA	TTATAGTAAA	ACTATAATGA	AACCTTCCTT
129051	GTGGTGTGAT	TCTGAGATGA	ACATCTGTGA	ATGCAAATCT	TTGCCCACAT
129101	CTCTGATTAT	TTATATTTGG	AAGATTTTCT	TGTTTTGTTT	TTGATCATGC
129151	ACACGCACGT	GTGTCTGACT	GTGAGTTTGT	GTATGAGTGT	GGTGCCCTTG
129201	GAGGCCAGAG	GTGTCAGATC	CTCTTGGTGC	TAGAGTTCCA	GGTAGCCGTG
129251	AGCTCGAGAA	CAGGAGAGCT	GGGTACCAAA	CTCAGGTCCT	CAGCAAGAGC
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129351	GAATCCTTAC	AAGGAAAATT	CCAGAGTCAA	GGGATATGCA	AATGGATCCG
129401	AGGTGAGGAA	GGAGGATGGA	GAACCAAACC	TCTCCAGGAA	GGAACTGCCT
129451	GGTCGCACCC	AACTCTTCTC	CCTAATGCCT	CCTGGACAGA	ATTACATCGT
129501	GTACATTATA	GAATCCAGGA	TGTGGCTAAA	GTAGAGAGAC	TACACACACT
129551	CAGCTTGCAA	TTCACAGTTG	AGACACCTTT	CTTTCTTTTT	TAAACTGAAA
129601	AAAAAACATC	TTTTTTTAAA	AAATACAATA	TACATTGATA	AATGTTTCCC
129651	CTCCTCCAGT	TTCTTTTATG	AAAAACTTCT	CTAATTTAGG	CGAGTCAGTT
129701	CCTGAGAAGG	CTCAGTGGGT	AAAGGTCCTT	GCCACCAAAC	TTGATGACAA
129751	GTTTGATCCC	TGTCCCTGTT	GGCTTTGGGA	TGGAAGCTGA	GAAAACTCAT
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129851	AAAGCAGTTA	GTTTGGGTTC	TGAACTGTGT	CCCCATAGGG	AGATTGTACA
129901	TTTTCAAAGG	CTGGGAACAC	AAAGTGGCAG	GTGGGGGAAC	AGCTGTGGTG
129951	TTATCCAACT	GTGTTTTGAC	GTTATGGGGG	TACCCCTTAG	AGACCGAGCT
130001	GTATCCAGGG	CACCTTCAAG	GTCCTTAATT	CATTCTCCTA	GACAGTGTCT
130051	GGTGCTCAAA	GTGATAAGGG	GACAATGGAG	CAGGTCAGCT	GCATGTAGTT
130101	AACTATCACA	TAACAGGCAA	TAGGTTATGT	ATTTTTATAA	CTTATGCACC
130151	TTTGTTTAGA	TAACAGCAAT	TTCTCTACTC	TCTACCGGTT	AACAGACAAC
130201	TAAGAGGTGG	GATAGGTGCT	CATTCCTAGG	CCTGGCAACA	TGAACTTGTT
130251	TAACCCTGCC	AGCAAGATGG	ACAAGGTGTC	CTTGAAATGT	CTGGACTCAG
130301	ACAACTGTCC	CCTTACAAGT	TGTCCCTGAG	ATGTCTGGAC	TCAGATAACA
130351	GTTTACAGCA	GAAGCTGTTC	AGCTATTGGG	AAGTGCCCAG	CTCCTCTAGG
130401	ACCGGGACCT	TGAATTTAAT	TTCTCCCCAT	GATTTAATGG	AGTCTGAAAA
130451	CTTAATGGTA	GTACTTAAAG	TTTCTTCTTT	TGCTTGTTCC	CACACAGCCC
130501	CGTGGTGGAA	ACACAGAACT	GACTCCTCAA	AGTTGTCCCT	CCACTTCCAT
130551	TTAAGTGCTG	TGATACACGC	ATGCCCTTCC	CCTTAAAAAA	
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130651	GTCTGGGATT	ACTGATGGAC	ACAACATTTC	CTCCCCAAGT	CTCCACGGGC
130701	CGTTGCATTT	CTTCTATGGT	TTGTTGAGTT	ATGACTCAAA	TATGATGCAT
130751	CATGACTTTC	AAAAGTATTT	ATTTTTTTA	AGCCTATGAA	ACTTCAAACT
130801	GCATCATCCA	GGCAGCCCAA	AGGAAGGACT	CTTTTTTTT	TAATATTTTT
130851	TTATTTATTG	ATTATAATTA	AGTACACTGT	AGCTGTCTTC	
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130951	TGGGATTTGA	. ACTCTGGACC	TTAGGAAGAG	CAGTTGGGTG	CTCTTACCCA
131001	CTGAGCCATC				
131051	TTGTGTTTTC	: ATACGACCAC			
131101	AGAATAAATG	GAATAGCAGT	TCCAAACAGA	GCCAGCCTCA	
131151	AGGTTCTGGA	GAACTGACAG	GGTAGCCCAG		
131201	TAAGGGTTCG	CCATGCGTTC	CCCAAACCCA		
131251	GAGCATTTTT	TATTGGCCAG	TTTTGTCATA		
131301	TTTGAAACTG	AAGAGGAAGA			
131351	CAGACATTAA				
131401	GTATAATCAT	CGCCCAGTTT	TCACCAAGTO	TGAGGTCTC#	A GTTAGGAGAA

131451	ATTGCCGTGG	TCTCCCTAAG	AATAAAATTA	TAGAACGCTA	GAGAACACAG
131501	GCAAGAAATG	TCAGTTTGTT	GTTAGAGAAC	TAATATGGGG	AGTCACTGGC
131551	TGGAATCTAG	CATTTGGTTG	GCTCTCAGTG	AGCCAGAAAA	GCTTCTCAAG
131601	TTTTCTTTGT		AGTTCATCTT	CCAGACCCAA	GCGCTTCAAG
131651	TTCTGAATGG		CACATTTTTA	CCTCACGATA	ACAATGTTTA
131701	AAACTGTTCC		GGTTGGTTGG	TTGGTTGGTT	GGTTGGTTGG
131751	TTTAGGGATG	GAAATCAACC	ACAGTCTTCC	ATGAAGCCTG	AAATAAGTGA
131731	ATCTGCTCTC	CTTTTTTATC	TGATTGATGA	TCTTCATCAG	CACAGACAGA
131851	CATCTAGATC	ACGTTCAGGT	AATAACTGAT	TATGCACTCT	TTGCTCTGTC
131901	AATAACTAAT	TACTTGACTG	TGTTAATATA	ACCAACCTTC	GTGTGCACAG
131951	TTATACAGAT	TTGGAAGAAC	TGATGGTGTG	ATTAAATTGA	CCTTCACAGT
132001	AATTTATCCG	AGTCACATTC	TTCACAGGTC	ATGCTTGTGA	ATAGGTAGCT
132051	CAAGCAAGCC	CCATCCTCCT	CTTTTAACCT	TAGGAAGTAC	GTGCATCATA
	GGACCCTCCA	ACCCCCAATA	ATTAAAACCT	TGGCATGGCT	TCTGCATAAA
132101		TTATTACAGG	ACTGTAGATA	GATCACTACC	TTAACTAATC
132151	GATATGTGAA AACTGCAGTT	ATTAATTAAC	CCCGAGCCAT	CTTAACAGGA	GAACCACCAA
132201		ATGAGAGTTA	TGATGTACCT	AGGGTTAAAA	ATCATTCATT
132251	TGGCAAGCTG TCTTCTGGCA	TGCATGTATA	TGAAGAGATT	ATAGAAATAT	GTCAATTCAA
132301		ATTTTTGCAC	CCCCCAGTCT	CCTACATCCT	ATGATGTTTC
132351	GGAACTATTG	TAGTAATCTT	CGTTGCTACA	ATCTTGCTTG	TTCATTTAAT
132401	TGACTGCAAG	AAAGTTAAGC	ATTAAGCTTC	AACTGATGTT	ATAGACTGTA
132451	AAAAATTTTG		CAAAATTCGT	GTGTTTGAAG	TCCTAAGTTC
132501	TGGTTATGTC	CTTTGGATCC		ACTTTTGGGA	AGGTAATTTC
132551	CCAATGGAAT	TAGTATTTTG	GAGGCAGGGA	TTTTTTTCCA	ATTGGTTTTA
132601	TTGCTTAGAC	TTAAGTTTAT	GGATTCAAGG	XXXXXXXXXX	XXXXXXXXXX
132651	TGGGGTGGTA	GGTTTTGGAA	TACCCCTTTX	CATCTCAGGT	TTGCCTTTAC
132701	GCTTAGTAAT	GGGCTCCACC	ATCCCAATCT	ACCACAATAC	TCCCAGAAGG
132751	TTTCCAAAGG	ACCACCATAC	CACAAACTCC TTCTGTTCAA	CCTAACAGGG	TAAAAATCTT
132801	AAGGCCTGAT	AATCACTCTG	GTAGATAACT	GCAAATATAC	TGTCCTCTTT
132851	CAAGATGACA		CTCTTACTCA	TCCAGGTAAG	GGATTCACCT
132901	CTTCAAAATG	AAAACTTGTG CAAACAAACA	AACAAAACAT	AAAAACACCC	ATCACCTCAT
132951	TGTGATAAAA		TCCACATCCA	GTTGTGGGCT	GGGCAAGTGG
133001	ACAAGCCGCT	GAGTACTACT AGACATTAAC	TGAGGGTCTG	CAGACATGCT	TTGTATGCTG
133051	AAGATGCAAA		TTTTTTTTTC	TTTTTGGTTT	CGAGACAGGG
133101	TAAAGCCACA CTTCTCTGTG	TAGCCTTGGC	TGTCCTGGAA	CTAACTCTGT	AGACCAGGCT
133151	GGCCTCGAAC	CCAGAAATCC	ACCTGTCTCT	GCCTCCCAAG	TTCTGGGATT
133201 133251	AAAGGCATGT	GCCACTACTG	CCCGGCAAAG	CCACAGCTTT	AAAATACAGT
	GTGTCCCCTG	TGAACTCTAT	AATGCACGGG	AAAGACTAAC	TTGGGAGAAA
133301	AAGAAACGAA		TACAGGACAG	TATTGCAATT	AGCTGTTAAA
133351 133401	TGATGAAGAT	TCAAGGAAGA	ACCTTTTAAG	AATTTCTGAG	AGGGTTAAGG
133451	AAAAGACACC	ATGCTTATCA	TGTGCCACGC	CCTGCCTACC	CCCCCCCCC
133501	CCTCCTACCT		CCCTGTGCAG	CAGGCACTGA	
133551	TCTCTTCCAA		AGGACCTTGA		
133601	TCAGTTTCAG	GAGAGGACAG	AAAGTAGAAA		
133651	ACAAATCCAG		AATGAATGAG		
133701	GGGAGAAATC		GAGCTGCCCC	TTTTCCCAGC	
133751	ATTATTTATA		TGGATTCCAG		
133731	CACAGCTAAC				
133851	TTCAGCCAAC		CTGGGACACA		
133901	TTTTCAGCCAAC		AATGAGTCCT		
133951	ACAGAAATAG				
134001	ATCACTTCCA				
134051	TCTTTCTCCT				
134101	GTTTCCTTGA				
134151	TAACAGTTTG				
134201	AGTCTCACTT				
134251	AAGACTTGAG				
134231	TGTATTAGTO				
134351	ATAGTAAAGG				
134401	AATGGTTCAG				
134451	CAGTCTCAC				
134501	CCAATGTCCT				GATTAAAGGT
エコゼコハエ	CCAMIGICCI		221001101110		

134551	GTGTTCCTTA	AACTCGGAGA	TTTAATCTTC	TGGAATCCAT	AGCCACTATG
134601	GCTCAAGATC	TCCATACCAA	GATCCAGATC	AGAAACTTCT	ATCTCCAAGC
134651	CTCCAGATAA	GGGTCACTGG	TGAGCCTTCC	AATTCTGGAT	TGTAGTTCAT
134701	TCCAAATATA		CAACCAGGAA	TAGCCACTAC	AGGGAGTGTC
134751	CTGTGTTCTT		GTCAGTCTGG	GACAACCACA	ACAGGAGACC
134801	GAAAGGGGC		TGGTTTTTTT	TCCCAGATTC	TGGAGACAGA
134851	GGCATAGAAT		CAATGTCACA	CTATTTCCAC	AGTGTAGTTN
134901	TGTGTGTGTG	TATGTGTGTG	TGTGTAGCAT	GTGGGGGTCA	TACCACATAC
134951	TCAAAACTTC	CATTTTGTTT	GAGACAAGGT	CTCTTGTTTT	CCTGTTTTAT
135001	TAGGCCAATT	GGCTCATGAG	CATACCAGGG	GTTCTCCAAT	CTCTGCCTGC
135051	CATCCCTCCA	TGGGAGTGTT	GGGATTACAG	CTGACCCTAC	AAGTCTAGCT
135101	TTCCCTTTGG	TTCTTGGGAT	TCGAACTTGG	ATCCTCCCAC	TTGTATGGCA
135151	AGTGCTTTTA	CCCACTGAGC	CCTCTCCCTA	ACCCCTGTTT	AGTTTAGTGC
135201	AGCATTTCAC	CTGTTACAAG	AACCTGTGGT	ATACACAAAC	ACAAGCCACA
135251	AATTACTAAC	TGAAATTTCT	GTGATTCCAT	ATATCAGTTA	AATATTTTTA
135301	TATTGGTATT	ATTTTTTTAA	ACAAAAGTAC	TATAGAATAT	AAGGAAGAAT
135351	GGAAATATTT	ATGCTAATAT	TTTTAAAGGG	TTTGGGATTA	AACCTCATGC
135401	CTTATGTACG	CTAAATTCTA	CTACTGGACT	ATACCCCTAG	CATAATTTAA
135451	AGGAAAGGAC	TTTCTATTTT	AACATGCTCA	TTTGTGCTGT	TATCTTGCTT
135501	TTTAAATACT	TATTCAGAAG	TACTGAATAA	AAAAAAAGGA	ATAAAAATAA
135551	AAGGACATGG	CCACTCCTAG	GTATGGGAGA	GAAGGAGGTT	TATTGTAGAT
135601	TAACAGGAGA	ACATAGTCAG	AGGCAGAGAC	ATCTGGGAGA	CTCCAGAGTG
	AAGATGCTCC	GTACATCCAG	GCCATGTGGT	GGGGAGAGGG	GGGGGAGGAG
135651 135701	AGTGAGGAGA	ATAAAGGGTA	GGCAAAAGAT	GAAATGTAAC	CAAAATGGCT
135751	GGATTATACC	AGAAAGAGGC	AGCTGAGGGG	AAGATCCACC	CAGCTCCAGG
135751	GCTGGAGAAG	TTTAGGGTAG	CAGGTAGGGT	ATGGCAACCA	TTCTCTGTAA
	CAGATAGGGA	CTGAGGGATG	CTGGGAGAAT	TTGGTGACCT	CCTTGATGTA
135851 135901	TTAAACAGGT	GCCTTAGTTA	GCCACTCGTC	CCAGGTTTGA	GACCTAACAA
135951	GGACCTGGAT	TTCCCTTTGC	ATTGGGCCCC	ATGAATAATG	TAAGGGCTAC
136001	CTCCTGGCTG	CTACAGCTGT	TCTGTTTAAG	AAAAATTGTC	AGGAAGCACT
136051	GAAGTGGTTG	CCTGGACAGT	GATGATGTCA	GCTTGGCTAT	AGCTCAGGGA
136101	TCCTTAGTTA		TGTTATTTCA	AGGTGTGTCT	TCGAGGCAG
136151	TTCTGGCAGA	GATTAGCATT	AAAAATCAGT	AGATTAAATA	CATAAGATAG
136201	TTGTCGGTCA	TAGGGCAAGC	ATCATTCAAC	CCTCAGAGAG	TAGGACCACA
136251	AGATAAAGAT	GGAGGGAGGG	GAAATTCACC	CTTCCTAGCT	GGACCATCCA
136301	TCTTTTCAGC	CCACAGATAT	CAAAGCTGCT	GGTTCGTAAG	CCTTCCGGCT
136351	GCTCTAGGAG	TGACATCACC	TGCTCTTTTG	TCTTTACCAC	CTAAAACCTG
136401	TCTAGTCTGC	CTTAGCTGTA	AAACGAGTGG	TTAGCAGAAT	ATTTCTAATA
136451	GTAGTTGTGA	AGACTGAGAG	TATTGTGGCT	GTTAAATATG	AAGCCGTCAA
136501	TAGGCATTAG	CCATGTCAGT	ATCCCAAAGC	CCTTAGTTCA	CTTGACTCTT
136551	CACGGCTGAA	AGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
136601	TGTACAGCAG	TGAGATAACA	GGAGCTATGC	AGTAAGAATA	GGTTCACGTA
136651	TTTCTCTGCA	GGAGGCTAGT	CATGAGCTCA	GATCTGTTTC	TCATATTGCC
136701	TGAAAAAGGA	CAGAAAGTCC	ATCTTATATA		GACTTTCTAG
136751	GTGTGGTGGT	TTAAATGGGT	TTGGCCCCAT	AGATTCATGT	GTTTGATGCT
136801	TGACCATAGG	GAACGACACT	AGGGAGGAGG	TATATAGCTT	TATTGGATGA
136851	AGCGCATCAC	TGTGTAAGTG	GGCTTTGAGA	TCTCCTACGC	TCAGGCTCTG
136901	TCCACTGTGG	ATGAGAGCCT	CCTCCTGGCT	GCCTGAGGAA	
136951	CCTCCACTGC	TTGCAGATCA	AGATGTAGAA	CTCTCGTATC	CTCTAGCACC
137001	TTGTCTGCCT	GTGCTCTGCC	ATGTTTCCTG	CTATGATGAT	AATGGACTAA
137051	ATAAGCCAGC	TTCAACTACA	TGTTTTTCTT	TATAAGAGTT	
137101	TGTTGTTCTT	TACAGCAATG	AAACCCTGAC	TAAGACTCTG	
137151	GGGGACAAAT	TGAGAGTTTT	TCTTCCTCGT	TTTCTCTTTA	TTCTAACCAT
137201	CACCCATATT	CATTGACCTA	GTTATTACTA	GTTGTCCTAA	
137251	GAAAGGGCAA	GGCATTTTAC	TCTTCTGTTT		
137301	AACTTAAAGA	CACACGTAAA	AGCAATGTCA	TGGTTGTGTG	
137351	TAAGTGGAAG	CAGGAAGGAG	ACAAAAGGGT	TGAGAAACCT	
137401	GTAAGGGAGG	GGAAATCACT	ACTTAATAAA		
137451	CATTGTGCTA				
137501	CCATGGACAA			CACACACAA1	
137551	TCCACCTTAA				
137601	TTGTGACACG	GAGGAAAGGC	AGACACAGAC	: ACACCCACCG	GTGTGAGACTC

137651	ATAACAACAG	ACAGGACAGG	GTTAAGTCTA	GCTGGACACT	AGCTGCCCAT
137701	GTGAACTGTT	CTTCAGCTGC	CATTTTGAAC		ATCTGTGGTT
137751	GTGAGTCGGA	AACACGGAGG	AAATGGAGAG		CCTTCCTTTT
137801	CCTTTTCCTT	TCCCTCCCTT	TCTCCTTCCC	TCCCTCTATT	ACTTTCCTTC
137851	CCTCCCTTCC	CACTTTCCGT	TCTTTTTTCC		CTTCATTCCT
137901	TTTCTCCTCC	TTCTCTACTG	CCTTCTCTTT	CTTCCTCTCT	GTATAACCCA
137951	CACTGCTCTG	GAACTCATTA	TGTAGCCCAG	GCTGCCCTTA	GAAGCCATGA
138001	TCCTCCTGCT	TCAGCCTCCT	AATATTGGAT	TACAAGTACC	TTGTCTGCCT
138051	GAGAGATTCC	TTGAAGTTGG	TTGTCATATA	AGTCTGTCGC	AGGATTTTCC
138101	CTGTCCAATC	ACGTTAGGGC	AGTGGGAGGC	CCGTGATTGG	ACAGAGAAAA
138151	GGGAGGCAGT	GCTAAGAGTT	GCAGAGAGAG	GAATCTGAGA	GGAGGAGGGA
138201	GAAAGGAAGA	TGGTGGTAGA	CATTAATCTG	TGTGGCTATG	ACCAGCCACA
138251	GGTTGTTAAA	CCATAAGGTT	AGACTAATTG	GGATAAAGCT	TTATCATCAA
138301	TTGTCTCTTA	AATTATTGTA	TTGGCATCTT	ATAAATTGTG	ATTTTATTGA
138351	TATATAAATC	TGATTGGTTA	ACTATAAGCT	TAAGAGATTT	GATTTTACCA
138401	GGTGAGTGGG	TATTGTGATT	TCTAACCACA	AGGTTGGTGG	TTCAATTTGA
138451	TTACTGGAAT	GTGGGACACC	TGATGACAGG	GTATTATAGC	GGAGAGGGAA
138501	CTAGTGGCTC	CCAGGACAAA	CGAACCAAGA	TGTTGCAGGG	GCTAGCTGGA
138551	GAGAGTAGCT	CGGCTGCGAG	AACAGATGGA	GTGGTACCTC	ACTGAGACAA
138601	AGGGCTGTGG	CCTACCAGAG	ACAGTACTAG	AGCAGGAATG	TGGCCCGGCA
138651	GGGCAGGAGA	GTTGGCGGGT	TTATATATAT	ATTTCTTTCG	TGAAATATAA
138701	GTAAGAGAAA	TTACCAATAG	GAACATGACT	AGGTGAAGTT	GACTGTATGT
138751	CTGAGGATGC	ATCTGTGGCT	TTGGTAGATT	AATGATGGCT	ATGCATCCTT
138801	TGACATTCTT	CTCACTGAGA	AGTAGGACCT	GTTTCTCTCC	TCCTTGGATC
138851	TGGGCTGTGA	CAACTTTAAC	CAGGAGACTG	TGGCTGAAGG	GATTGGGAGG
138901	TTGTAGCATG	AAATATAAAA	AAAATCAATC	CATGCTATCG	CCGGCAAGGC
138951	ACTGGCCTGC	TTTCATCTCA	TGGAAACTCT	GACCCAGAGC	TCCGAAATCT
139001	CTCCATTCAG	CTCACTAAGT	TCCCACTGGC	GGGCCATTAC	CATGCTATCC
139051	CATGCTTTCA	AATTTCCATG	GCCTTTTGGG	GTGCACTTCT	TGCAAACCTA
139101	CACTTTGCCA	TTGTACCTTT	AGCCCTGGAA	CCCAGTTGAG	GCGGCTCGTG
139151	AAGGAAAACA	CCACACAAAG	TTCCGAATCA	ACAGGTAACT	CAATTGCCGG
139201	GCGCAGCAAA	TCCTGGCAGA	TCCGCCATCT	AAACTGGGGG	CCTCTTGTTA
139251	GCTACATTCT	GTCCTCCAAG	CTCTCCCCGT	GGGAACTTAG	CGAGCTGGGT
139301	GGAGAGATTT	TGGAACTTCA	GGTCAGAGAG	TCTCCACAAG	ATGAGAACAG
139351	GCCAGTGCCT	TGCCTTGCCG	GTGATAGCGT	GGATTGGTTT	TCTTTAATAT
139401	TTCACGCTAC	AGGAAGCCTC	GGGAGGAAAC	AGGTAGCTTG	CACCTGAGGC
139451	TCTTGAAGCT	TTGAAGTTCT	CTGGCAGACA	TTTTAGTAAC	CTGTTGTAGG
139501	GAGCAGGTGG	AATGCCGGAG	AAGAGGAAAG	TCCCGCTGAA	TGTAGCCTGT
139551	TAGCTGATCC	TGTTAAGAAG	CAAGGGTAGG	AACAAAACCA	CTGGATGAAT
139601	GCTACCAAAT	AGCCCTAACA	ACAATTGCAT	AATTAATTCC	CTGGCTCAAC
139651	TGATGGCTAA		GAGAGCACCC	CTCCTAATTG	TTGCGTGGAT
139701	AGAACCTTCC		TGTGCAGTCT	GCGTCTTGAG	GTCATTAAGA
139751	ACAATCAAGG	AGGGTCATAC	ACCACAATGC	CTTCCTGCCT	TTGCTTCTTT
139801	CAAACAAGCT	GAATCATTTC	TGCTTCTAGT	TGTGTGGGTG	
139851	GGGCCTGTTT	GGGCAGAGAC	AATATCAATC	CATATGCCAC	GCTTCCAAGC
139901	ATCTATATTA		GAAGAAAGGA	GAAACACAGA	
139951	ACTTTTAATG	GCTTGCATCT	TATCCTTATI	AAATCAAACA	CAATTTTTGT
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140051	CTGTCATGCT	GGTTGGACGC	ATGCCCACTC	ATCAGCATAA	. AGGACAGGAA
140101	GGGAACCCTC			TATTTACTTT	' TTTAAATTAA
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140201	TCAATTATGC	TAAGACAAAA	. ATCATTATAT		
140251	TTTAAAAGGA		TAACCCAAGA	TAAAAACTTA	
140301	CTACTTGGTG	CATTTGCTGC			
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140551	CTGAAAAACA	A TCTTTCCATT	GGGAGTTGT		
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140751	AAACATTTCA				AGTCCATTAT
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140851	TCTATATCCA	GATCCTCAGG			ATATTTCCTC
140901	CAACAAGGCC	TCACCTACTC			ATAGTGGCTC
140951	TCCCTATGGA	CCTATGGGGG	CCATTTTATT		CAGTGAGTGT
141001	TGGAAAACAT	CAGAACATTT	TGGCTCATTA		GCACAGGCTG
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141101	ATTTTTTCTC	TGTCTCCCAC	ATGGTTAGGT		ACTGTCCACC
141151	TGCACAGTGA	CACACTTCTT	CCAACAAGGC	CACTCCTCCA	AAAAGTGCCA
141201	CTCCCTGGGC	CAAGTATATT	CAAACTACCA	CAAATACCAT	GAGCAAAAGT
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141301	ATCATTGAAG	GAAGTCGGGA	CAGGAACTCA	GCCAGGATAA	GAACTCAAAG
141351	AGGGAAGAAA	CCTGGAGGCA	GGAGCGGATG	CAGTTTATGG	AGGGGTGCTA
141401	CTTACTGGGT	TGCTCCTCAT	GGGTTGCTCA	GCCTGCTTTC	ATAGAGAGCC
141451	CAGGACCACC	AGTCCAGGGG	TGGCCCCACC	CACAATGGGC	TGGGCCCTCA
141501	CACATCAATC	ACTAATTAGG	AAAATGTTCT	ACAAAATGCA	GGCTTTGCCC
141551	ACAGCCCAAA	CTTATGAAGG	CGTTTTCTCA	GTTGGGGTTC	CCTCCTTTCA
141601	GATGACTCTA	ACCGCTGTCA	AGTTGACCTA	AAATTAGCCA	ACACAATATA
141651	TACCCACATG	TCTTAGTCAG	GGTTTCTATT	CCTGCACAAA	CACCATGACC
141701	AAGAAGCAAG	TTGGGGAGGA	AAGGGTTTAT	TCAGCTTACA	CTTCCACATT
141751	GCTTTTTATC	ACCAAGGAAG	TCAGGACTGG	AACTTAAGCA	GGGCAGTGGA
141801	CAGGAGCTGA	TGCAGAAGCC	ATGGAGGGAT	GTTCTTTACT	GGCTTGCTCA GGTCCCACCC
141851	GCCTGCTCTC	TTATAGAACC	AAGACTACCA	GCCCAGAGAT	CCTTACAGTT
141901	ACAAGGGGCC	TTTCCCCCTT	GATCACTAAT	TGAGAAAATG	CTGTGATAAC
141951	GGATCTCATG	GAGGTATTTC	CTCAACTGAA	GCTCCTTTCT	ACATATGTCT
142001	TCCAGCTGTG	TCAAGTTGAC	TCAAAACTAG	CCAGTACACC	GCTATTTTTC
142051	ATATCATTTG	AGAGATGAGA	TCTATCACTA	AACCACAAAT	TTTGCCTGTG
142101	TTTTACAAAA	CTAATTAATT	ATTTTGATAT	GTATGAGTGT	GGCCAGGAGA
142151	TGTGTGTCTA	TGTACCAGAT	TCATGCTTGG	TGTACACAGA	GAGACTGTAT
142201	GGGTGTCAGA	TCCCCTGAAA	CTGGGCTGCA	CGTGGAAGCA GGGGTGGTGG	TGGATTATAT
142251	GGGATTCTAT	GCAATATGTC	AAGAAAATAA CTTCTTGCCT	TAGGCTATTT	ATATTCTCAG
142301	AGTAGGAAAT	ATTAATTTC	GTTAAATGGC	CTTAGGCAGC	ACAGTAGCTG
142351	ATGAGAGACA		GCTATTAGAA	TCTGCTTTCC	TATTGATAAC
142401	GGCAGCTGCC	TACCCGCCAT	TTACTACATT	CCATCTGGGC	TGCTCTTAAC
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142501	TCAGTTGGGT		CCTGCACGTT	CTTCTTCTTC	TTCCATGGCG
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142601	GCTTCCCTTC ACCCTATCTA		GTCCAGTTAT	TCGGTGTTGG	
142651	CACCAATTAG				AAGGTCCCAG
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142751 142801	AGATAGTAAA				ACAGAAGTTT
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143151	GATCTCATCA				GTTTTTGTAG
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143551	TTTTTGTTG				CAGGATGGCC
143601	CCTGGAATT(			r TCTCAGGGT	
143651	AGCAGGCTT'				
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143801	ATGTGTGTG	A TTTTTTTTT	r ctcttatta	r tcaagaact	r agaagggcca

143851	GGAATGGTAG	CACTCACCTA	CAAGTTTGAC		GCTAAAGCAG
143901	GATAATCACA	AGTTCTAGGT	0		GCTCCTTTCT
143951	CAAAAAACAA	ACCAAACCAA			GCAAACAGGA
144001	AAATGGAATT	TAAAAAAGGA			TGGTAGGGTG
144051	CTTTCCTGGT				ACTGAATACA
144101	GCAAAGTTTA	AAAGTATCTT	TTATTCGGCT	GATGTAATTG	TCATCTTGGA
144151	GGTCTACTGC	CTCAGTGTGC	TAACCCGGGC	CTTGTCCTGG	AAGCTTCTAG
144201	GCTCCATAAA	ATCTTCTCTA	GGCCTAGAAT	GTTTTAGCCT	GAGACATAGA
144251	ATAGGCTCAT	CCTTTCTAGC	TCTTTCTGAA	CTCTGATTGG	CTGGTTCAAC
144301	TCTGCTGTTC	TGGCTCAAAC	TCCTCTCCAA	GATGATTCAA	ATTGGCTTCT
144351	CTCTCAGTCT	GACTTGTTGC	TGTGCTTGGC	CTCAAACTAA	CTCTGGCAAT
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144501	GCTACTTTAC	CATCTTCCAC	ATCTATGAGA	CCCCTTAGAA	CTTGTGATTT
144551	CCCCAGGCCA	TGTGCTTCTG	CTCTGCTTTT	CTTCCTTATC	CTTCTCCCCT
144601	GTGTCCTCTC	CCTCTTCCAT	TTTTCTCTTT	CTTTTTCTGC	TCCTTTCACT
144651	CTACCTTCCC	TTTTATCTGC	CCAATCATCA	GCTCTCCTTT	ATTTTACACT
144701	TTAAGGTGGG	AAGCAGGTTT	ACAGGAAATC	ACCTGAGTGC	TGACTCATTC
144751	CTTGTTCACA	ACCCCTCACA	GGAGAACAGA	GTGAACATCA	AATATAATTA
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144951	TCTCCTCTTG	TGAGAGTTGG	GCATATCCAA	TTCTGTCCAG	TCTTTCTCTG
145001	ATTCGTCACT	TTGCCACTCA	ACTAGATATC	ACTTTCAAAC	ATGGGTGCTT
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145101	TGTATTCCAG	CAAGAGGGAC	TGAAGCTGTG	TGCTAAGGGC	TGAGCCACAC ATCTTGGGGT
145151	CACAACTAGA	AACAGATTTT	TTTTTTCAAT	AAATAAGAAA	CTCCTCTGAG
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145251	CTAAAGGTTT	AACTCTCCTC	TTCCTATAGT	TAAAAATTCT	GAGATTCAAA
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145351	CCTATTTACA		TCATTAACTT TAATTACCCC	ATTATTCTAT	TCTAAATCCT
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145851	GCCATTAGAA		AATCATACAT		TGTACTGGAA
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146501	CACAGTGGC	A GTGTAAGACT			
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146601	GGTTGGGGG?	A CACCATATTA			
146651	TACTGCCTT	A GAGTTTTTAA			
146701	GTGTGCCTC'				
146751	GTCTTGCGC				
146801	AACAAAGAT				
146851	GATGGTCTT'				
146901	TTTAGTTAT	r ctttttttt	r 'I'TTTTTTTA	A ACGGTACGT	G GTCGCAGACG

146951					GTGGCGACAT
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147101	AAAATCGTCG				TCAGCTGCCG
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147301	CTGAGGGTGG	CAGAAGCCCC			TTGCCTTCAT
147351	TGCCACCGCA				CTCATTCAGT
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147451	TTGTGAGGCT		GGCACACAAA		CTTGAGGGTG
147501	CTTGTCCTTT	CTTTGAATGC	TCTATAAACT		GGACTGTCTT
147551	CTATTGCTGG	TCAGGGTCTA	TAAATAAATG	TCCCTGGTGC	TTTTTAGCAG
147601	TTTCTAAAGC	GTGGGTGCTG	GACTAACTCT	GGCAAAGCAA	TATTGAAATC
147651	CACTATTTTC	TAGCATTTAA	TTTTATATAA	TAATATAAT	AGATTAATAA
147701	ATCTGTAATC	CTTAGGGATT	GCATTTTAAG	TAAGGGATCA	GATCTGTTTT
147751	CTGTTGGCTC	TCTTACTGCA	CAAGGAATTG	AAATAGGGCC	CCATTATCGT
147801	GAGAAGCAGA	GGTAGAAACA	TCCATAATGA	GTGTCGTTCA	TTATGCCGGG
147851	AAGTGTTTGA	AATATCCGTG	GTTTGGCTTA	ACAGCCGCTT	AGGAAACACC
147901	GTGGCTCAGC	AGCCTCTTAA	GATATAAAGA	CCTGACTGAT	TTTTGAGGTG
147951	CTCATTAATG	AGTTTGCAGC	AATACACTGA	CTTTGGGGGG	GGGGGTGTCC
148001	ATCAGCATTC	CTGAAACCTA	GGTGCTCATT	TTGGCTCTTT	CCAGGAAGAA
148051	ATGGAAGCCA	GAGACAAGCA	GGTACTCCGC	TCCCTGCGTC	TGGAGCTGGG
148101	TGCCGAGGTA	CTGGTGGAAG	GACTGGTTCT	TCAGTACCTT	TACCAGGAAG
148151	GAATTTTGAC	AGAAAACCAC	ATTCAAGAAA	TCAAAGCTCA	AACCACAGGC
148201	CTCCGGAAGA	CAATGCTGTT	GCTGGACATC	CTGCCTTCCA	GGGGCCCCAA
148251	AGCTTTTGAC	ACCTTCCTCG	ATTCCCTCCA	GGAATTTCCC	TGGGTAAGAG
148301	AGAAGCTGGA	GAAGGCGAGA	GAGGAAGTCA	CAGCCGAGCT	GCCTACAGGT
148351	AGGCCCCAAA	GAGATCCCCT	CAAAACAGCT	CTGGAAGTGT	TGCAACCATG
148401	CCCAGTGGAT	TGGAATTTGG	TCTTTTAGGA	GGGACCAGGG	CCACGAGCAT
148451	GGGCAACGGT	TTGGATGCAG	AGGGCATGGC	GTCGGAGGGT	CAAGACGAGG
148501	AGGCGGTGTT	AGGAAACTCG	AGGAAGGAAG	GGAACATGAA	CCCTGAGGCT
148551	GAGGGGTTAA	GGAGGGAACT	GAGAGTACAA	TTTAGACATG	CTTCCAGGGG
148601	AACTTGGCAA	GTCACATGGG	AGGCTTGTTC	TCATCGGAGA	GCCAGGTCAA
148651	TCTGAGCCCT	TTGGCAACAG	GAACCGTTTG	GAAAGCGCAG	ATGGGAATGC
148701	AGGCTTTGGC	CTACTGATAA	CTGATTTGTG	GGGTGCCAAG	CTGCCAGCTG
148751	GAGGAGGTCA		GACAGCCTCT	AGGAAGGCAT	GTCCTGCACC
148801	TGTCCCCACA		AAGGCCAAGG	GGATTATTTT	GAAGCCTGCC
148851	TTTAGTTTGT	TTTTAAAGGC	TGTTGGTGTA	AAGTGGCCCT	TTAAAATTCA
148901	GCTCTGTGCA		GAATTTTATT	TTGCAAGGGC	AGTAATTTGG
148951	GGGTGCGAGG		TCTTATTTTG		AGGAAAAAA
149001	ATCCCTGGAA		GAAAAGAAAC	AGCTTGGTGC	TTGTGAGAGG
149051	AAGGTGCTGC		ACTGTTTTCT	TCAACTCCTC	
149101	TGCTCTTTCA		GGACTGACCT		
149151	TTAAATAATA		TTAACCAAGC		
149201	CCAGAGTTAA		TTTTCTGGTT		
149251	AGTCAGTGGT		TATTGTTAAT		
149301	ACAGAGCTGG				
149351	TTGGTGTCCT				
149401	AGCCTGGTCT				
149451	CCCTTTCTAC				
149501	ACAACAAAAA				
149551	GTAAAACTAT				
149601	ATTATTTTT				
149651	GATAGCCAGT				
149701	AAAATATCTT				
149751	CCATGAGAAT				
149801	TCCTTAGAA				
149851	ATCCCTGAC!				
149901	TTGCGGAGG				
149951	GCTCTCCTG				
150001	CACTCCCAA	A ATGTTGAGTT	TAACCAGGT	G ATTATTTGO	G GTTATATAAA

150051	CGTTGTCATG				ACTTCTTCAG
150101	GTTTATTCAG				ACATTAAAAA
150151	GTTAAGGAGA		AAAGGCGCTT		CTGTTTATCT
150201	TCTATGTATG		CCTGTGTGTC		CTGCGTGTGC
150251	CTGGTGCACA		AAGAGAGGC		GCAGCAGAGC
150301	TGTAGATGGT		CATGTGAAAG		CCAGTACTCT
150351	GCAAGCCCAG		TAATGCCGAG	CCCACTCCCC	AGCCTCAAAG
150401	AGCAGCTTTA	TAATGGAAGC	AAAAACCAAA	AAAGATTGAA	CATATCTGTA
150451	TATATGCTTA	GGAAACCAGG	TTTTCCCCAA	GACTTGTTAA	CTCTGTTGAA
150501	GGGTTAAATG	GAAACCTGGC	TTGCCTCACA	ACACAAGTGA	
150551	TTGTTTGTTT	GTTTATTTTA	TAATTAACTC	TACTAGTGAA	AAAATTCTGA
150601	CCTGGGGCTT	AGATTTATTG	ATTTCTTGGT	GACATCAACC	CATTTTCAAG
150651	TATGACTGTA	GTTAAATCTT	GACTATTTAA	ACTAATACTG	AAAATACAAG
150701	TAAGGTAGAG	ATGAGTGATA	GAGTCAACAC	CTTTCTCATG	CTCACTTTAA
150751	GAAGAGCAAT	GCTCCACGCA	GGGGTAGTGC	TCCCTTTGGC	TGGTGCTTAC
150801	AGATATGGGT	GTTTTTGGGT	TAGTGCTCCC	TTTGGCCGGT	GCTTACAGAT
150851	ATGGGTGTTC	TCGGGCTAGT	GCTCCCTTTG	GCTGGTGTTT	GGAGATATGC
150901	GTGTTCTCGG	CTACTGCGGC	AGTGCCATGC	CTGCCTGTCT	GCTGCCAGGT
150951	TCCTCGCCAT	GATGGTGATG	GATTCTAACC	TTCTAGAACT	GTAAGCCAGC
151001	CCTCAAGAAA	CTAATTCTTT	ATAAGGAAAA	ACAAAAAGGC	GACATTATTT
151051	CTAAGTCTTA	CTAATAAGCC	CTGGATTCGA	GGTTTGTCAG	TCATTCTCTT
151101	CTCTCTTCTT	CATTGGTAGT	TTTCTAGCTC	ACAGGAGTCT	CTTTAAAAGT
151151	TATTATTGAT	TATTGAAAAT	CTATTATGCC	TTAGGGTCTA	GTGGTAAATG
151201	TGTATATCTA	TACATTGTAT	ATATTTTATT	ACATCATATG	CCGTATACCA
151251	TATATTATAT	ATCATGTATT	ATATATTATG	TGTTATTATA	TTATATATAA
151301	TAATTATATA	TATAGTGTTT	TAGGGTTAGG	GTAGAAGTTA	TATATTTTAA
151351	AGAAGTAGAT	GCCTAACTGC	TTTCTGTCAC	TTAAGGCCTT	AAATATTTAT
151401	AAGTGTCTAG	TTTCATGAAA	ATATGATTTT	GAAATTAGGT	TGAGGTTTAG
151451	TGAATTGGAA	GCTGTGTGAG	TGTTGGGTTC	TTTTTTTAGG	GAGTAGGGGG
151501	ATGAGCGGAG	GCTTAGAACC	ATGGACCAGC	ATCAGAGCTG	AAATGCCTTC
151551	CAACTTAACG	TCTCTGGAAA	AAAAGCAAAC	AAACCCAGAG	TCCTGTTTCC
151601	TGGGACCTCC	GTGTCTCTCT	AGCACGGTGT	CAGAACTGGG	TAGGCACACT
151651	TGTGCTTCTG	AAAAGGCTTT	GCAACCCAGG	CTCAGGGAAA	ACCGGGCGTT TATGTTGGTT
151701	TGCGAGGCGC	GCACACAGTA	ACCTTTTCTA		AGCCTTGAGA
151751	GTGGTTGTCC	CTGGACTGGT	TTGGTGCCCT	GCGGTCAGGA	CTTCCTCAAG
15180 <b>1</b>	AGAAGCGAGG		GCTTAGCCAC	GCGGCCCATC	TCCTCTGGCA
151851	AACAAACTAA		ATTACAGTTT		TTTCATTTCT
151901	GGCTCTTGGT		TTTGTGTATT		TATTTGCTTT
151951	ATACTTGGAG		TATTTCTGTG		
152001	TTGTATATAC	ACTGAATGTA			
152051	CAGTCTCTAT				
152101	GAACAAAAAC		TTCTGATTAT		
152151	CTCCTAATGT				
152201	CAGATATTTC			-	
152251	AAGGAAGAAT				
152301	AGGGACACTI				
152351	AGATCAGCTC				
152401	AGGACAGCAC				
152451	CCCAGCCTGC		and the second s		
152501	CATCTGGCTC				
152551	ACAGTAGAGT				
152601	TCTGGCCTGC				
152651	CTCCGGGTAC				
152701	TTTGTCTCTCTCTCTCTCTCCCCCCCTT				
152751	CGCCCTGAG				
152801					
152851	TCCTGATGG TACACACAG				
152901					
152951	CCAGCCTGT( AGCTGGTCT(				
153001 153051	GGCGTATTT				
	ATCGGTTTT	TANGITACIGE		A AGTCTCCTC'	
153101	MICGGILLI	_ IGNCIINGG			

153151	TTCACCAAAG	CCTGCCCCGT		TTGCGCTGAA	
153201	CCAGCCTGGG	TTCTAGATCC .			TATCCCCAGC
153251	TTGATTATCA				AGGGCCTCAG
153301	ATACCAGAAG				AGTGGGTGTT
153351	GCCCGTGTGT	TAGCGGTCGG	GTCTGGTACT		CGGTAAACAG
153401	AACCATGGCC	ATGGGGTTCA	CTGTGTCTCC		GGATCAAGGG
153451	TGAGACCGGC		TGAATTAATT	ACCATTGCAT	GTGTGTGGTG
153501	GTGAGAGTGG		CTTAGAAAGC	CTCTCTGATG	TGTTGGCCTC
153551	ACTCCTGGGA		CGAGTTAGGA	AAGAGACTTC	CCTCGAAGGG
153601	CTAAGTTACC	TGCTGTACCC	GTGTGTACTC	AGTGACTGGG	TTACGACCCG
153651	TCCGTCGTGC	TTTCCATCGC	GCATCTGAGA	CCTTGTGTGG	TCCTTCAGAT
153701	GAATGTAGAT	CATCTGGGAC	TCGGAATGAA	AGAGTAGTGA	TGCCCACGAC
153751	GAGAAGGCAC	CTCCCCTTCT	CTTCCGAAGT	AGTCCAGATA	AGGATAGAGG
153801	CACCAGGCTT	CAACCCTTGC	AGGCAGTGGG	ATCCCAGCAG	TGTTTAGCTG
153851	GGTTGCTGCC	CCCCCCACCC	CAGCCGCCGT	GTGCTTTCCT	ACCTACAGAA
153901	GGAGGCAGAA	ACAAGGGAGG	ATTCACTACC	AGGGCCGTGT	AGCTTTACCT TGCGTTTCTA
153951	TGAACATTGT	CACAGGCTTG	GGATTCTTCT	CACAAGCTCC	TCCAAGCTGG
154001	CCACCCGGCT	GAGCATGCTC	TGTTGGAGTG	AGTGTTGCTT GAACTGGTTA	AGTTTATCAG
154051	TGGTGTCTCC	AGGCATTTAT	GGAAGGACAG CTTTTTATCT	AAACACCACG	TTTGCAGTTA
154101	TAGCATTATG	GAGTTTGTAA	CCGCCAGATC	CTGGTGTTTG	GGAGCTGGGT
154151	TGGCGACCCT	CAGCAAGATG	TTTTTCTCTG	TGAAAACGGA	GGCCTGGGAG
154201	GGGACCCACA	CATCATATTC CTTGCTCATC	ATCACATAGC	TTGTTGATGT	AATTTATTGC
154251	ATTAAGTCAG TGAGACTGGA	ATCCTAGCCT	ACCAGCTCTT	GATTTAGGGT	CTTTCCTGCC
154301	TGAGACTGGA	TTTGGCTCCC	CACTGGGTCT	GAAATGGAAT	TGTATTATTC
154351	TGTGGTGTTA	ATAGCCAGAG	GAGGCTTTTA	AACATTTGCA	CTAATATAGT
154401	TTTTTTTTT	ATGTTTAAGA	GTAAAAACTT	CAAGATTTTT	TAGTATAGTG
154451 154501	GTTTGAGATT	GTCTTAAAGT	ATTTTATTTT	TATTAACGCT	AATTTTAATC
154551	ATCTACCTGG	GAGTCGTGAT	AATCCAGGGC	TGCATCTTAT	CAGAGGCTTC
154601	CCCCAGCTTC	TGCAAGGCTG	ATGTAAGGCG	AGGCAGAAGA	CTTTTATGAG
154651	TATTTATGGG	CCTGATGAAA	TAATGCATCT	GCTGGCAGCT	AATTGCCACT
154701	CTTTCTAGGA		ATGTGACAGG	GCCTGTCCCA	GCAGGGATGG
154751	CTCCATTTCA		CATTTAATAC	TTTTTGGGGT	TTTTTTGAG
154801	AAAGTCTGAC	TGTGTCTTTT	TTCCTCCCTC	CCATGGCCAC	AGGGACTTTG
154851	GGCTGCATCA	GTCACCCGAT	CGCCTTCAGG	TCCTTAACCG	TGGCCGTGTG
154901	CTGGGATTCC	CCGGGGGACT	GAGAGGCTGC	TGATGTCCTG	GTGTTGTTCC
154951	TAACCAGACC		AGAGTTTCTG	GGAGTGTCCT	CTAGGCAGTG
155001	ACATTAGACA	CACGCCCACT	GATTTGAGTA	CAAACAATCC	CGGGCACGCA
155051	TGGCTTACCG		AATCGTAGCA		CTTGCGATCG
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155151	GGCGGCCCAG		GGCCGGATGA	ACTGCTTGTG	TTTTCAGTGG
155201	GGGGAGACGC		TAGAACACGG	ACACACAGAA	
155251	TCACAGGTGT		TGAATTTCTT	GAACACTTTC	TGAAGGATTT GGACTTTAGA
155301	TCCAGAGTAC		AGCAAGTGCG	ACTCCGGTAC CGAGACGGAG	
155351	ATGTTGGGCG		AAATGCACGC TGAATTTAGG		
155401	TTTGCATTAG		AGAGACAGAG		
155451	GCCTTTAATC			CAGGGCAACA	
155501	TGAGGCCAGC				
155551	TGTGTGTGTGTGTG				
155601 155651	AGAGAGGACO				
155701	AGCAGGCTGC				
155751	GCCTGGAGAG				
155801	GCCTGGGTTT				
155851	AACTCCAGCT				
155901	TGTGTGTGTG				
155951	ACAAAGATCO				GAGGTGTAGG
156001	CCTGAGCCC			GATGAGGCAG	
156051	GGGCTGTTT				
156101	ATTAACTTC				
156151	AGCACCTTA!	r caaaatagac			
156201	GTGTGTTCC	A GTGCTCCGTC	CCCACTCATT	CTCCCTTGC	r cctgtcagac

156251	ACAAGCCCAG	GGGCTCTTGG	AAAGTCCTTC		TGTCTCAGGA
156301	GTCACTTACT		CCCCTTTCCT	GGTCTCCTTT	GATCCTTTGC
156351	AGAGGAGGTG	GGATCTGAAG	CAGGGCCCTG	CGTTTCTCTC	CTCTCAGGTC
156401	CTCTGAAGCA	GGGCCCTGCA	TTTCTCTCCT	CTCAGGTCCT	CTGTTATCTT
156451	GAGAGTCCTA		CTTTGGTCTA	CAGAGTGAGT	TCCAGGACAG
156501	CCAAGGCTAT		ACCCTGTTTC	AGGGGAAAAA	AAAAAAAAAG
156551	ACTAAAGCTT	GGTCGTGTTT	GGGGACATCG	TGGTAGCTCT	GCTGATGCTG
156601	CAGTCAGGTC	CCACTTTGCA	GCTCATAAAT	CATGCTCTCT	ACAGCTGGTG
156651	GGTACCAGGA	ACAAGTTCTG	CTGGTGTAGC	TCCAGGCTGC	CTATCAAGGT
156701	AGCACTCCGG	CTTGGGAGGG	AGGGGGGGAG	GCTCAGACAC	GAAGGCTGTG
156751	GTTGCAGCCA	GCTGCAGGAA	TGTTTGCTCT	ACCTAAATGT	AATAGGCAGC
156801	TGTGTTTACA	CGGGTCCTTC	AGTTTGGCCA	GTAAGGAGCA	TAGATGTATA
156851	TGATTCTTGG	GAGGGTTTAC	CCACCTGCT	CCCCCTTTTA	AAATGTGATT
156901	TTTTTTTTCC	AAATAGTCAA	CCTGAATTTA	AAAGGCAGTA	TGACTTCTGG
156951	ATGTTTTGGG	TCAGGTTTTA	GACGTAGGCT	TTATTTTTGC	TAATGATATG
157001	AAAGATTTGC	CCCTTTGTAG	GAAGCGCCAG	GCTGAGAGTT	CCTGGAAGTG
157051	TTCAAGTTCT	ATTTATATTC	GGCACCATGG	CAGAGATGGT	GGCGACACGG
157101	TTACCAAAAT	AACACCGTGG	AGATGTCTGA	AGTGGTTGAG	AGGACACAGG
157151	GGTAAACACA	CCCAGGGCCT	CTCAGTCAGC	CCTCAACAAG	GACAGCGGCT
157201	GTGACTAGAT	AGATGCGTGG	GATCTTTTCC	CCACCCAGGA	AGCAACAGCA
157251	TTGCTGTAGC	GGACACCACC	TGGGTGTCTG	TTGGTTCTCC	TCAAGTCTGA
157301	CAGCGTCATC	CTGAAGCTAG	CATGTGACCC	CACAGCTGAG	GCCCCAGTTT
157351	CTCATACCAC	CTCCCAGTTC	CAAGGCCAGT	CACAAGTGTC	TGTCCTTTAG
157401	TTTCAAGGTG	GATTCCCTAT	GGCGTTTTTC	CTCTTGTTCA	ATTAATTTTT
157451	AAAAGCTACT	TACCAAACCA	AGAGAAGCAC	ATTTACCAGT	TTATTATAAA
157501	GCATGTTTAT	GAAGGATACT	GATAAGAGAT	ACACAGGGCA	AGGGATAGAA
157551	GGAGAGTCTT	TCCCACGTAG	ACCACATCCC	GGAACCTCCA	GCTGTAACCT
157601	TGGGCTGTCT	GGAAGCCCTC	TAAGCCCTGC	CCTTGGAGTT	TTTAATAGCT
157651	TCATCACATT	GGCACACCTG	ATGAAATAAC	CAGACAACTT	AAACTTCAGG
157701	TGCTCTCTTC	TCTCCAGAGG	GACAAGATGT	GAACACTCAC	TGTCCCAGCA
157751	CTTGGGAGAC	AGAGACAGGA	GGATCAGAAG	TTGAGTCTCA	ACTCCCCACC
157801	CTGTCTTGGA		CTGTGCCCAT	CCCAAAAATT	ATCGAGACTG
157851	TTGGTCACTG		GATAGCCCTG		AATTTGATGT
157901	TAATTCTGTG		GATGAGGAAT		TCAGGTGATT
157951	TCCTGTAAAC	CTGCTTCCCA	CCTTAATTTG		GCGAGCTGAT
158001	GATTGGGCAG		GTGAATAGAA	GATGAAGAGG	GAACGCAGAG
158051	AGGGAAAGAA		AAGAAGAAGA	AGAAGAAGAA	GAGCGGAGCA
158101	GAAGCACATG		ACCGAAAGTC		TCATGGATGT
158151	GGAAGATGGT		TAGATCTGCC		GCACAGCATG
158201	TATTCATATT		TGTTTTCATT	GCTGGGCATA	TCTGAGTTGG
158251	AGATTTGCTG		CAGCTTAGTA	GCAAGTAAAA	AGACATGGCT
158301	TCTTTGAAGA		GTGGAAAGTG	TATGTCAGGC	AACAGGACAA
158351	GAACCAGACG		TGTGATATCT		TAAGGCCTGT
158401	GGTCGTGAAG		AGTCCTTAAG	AGCAGGTCAC	
158451	TGGGTGGATG	GGGCATGCCT	GCCAGGACTT	GTCCTGCTGC	
158501	GAGGATCTTA	GAGGCCTCCA	TTTTAGAGAC	GGGAAGGTAT	GTTAACTTGG
158551	TTTCTTGTTG		. ATACCTTGAC	CAAAGCAACT	
158601	AAGGCTGTTT		. GTTCCAAAGG	GGACACTGTC	
158651	GGAAATGCTC	GGTGATAGGA	CGAAGAGGCT		
158701	CAGTCCAGAZ			GGGACAGGTT	· ATGCAGCTTC
158751	AAAGCCAGCC		CTCCACCAGO	GCCATTCAAA	
158801	TATCCAGTG	CAGTAGCTGA	GGCATCACG	A ATTCAGATAC	
158851	CCATGGTGG	A CATTTCTCAT	CCAGACCACA	A GCAATAGGAC	
158901	CCTATAAAA				
158951	ACTAAGATA			r AAATTCACAC	
159001	ACTGGCTAAG		TATTTAACA		
159051	GTGAGTCTA		GGTGTATCC	C GGAAGTCCTC	
159101	GCTTCGGGA'				
159151	AGGTGTGGG				
159201	TCTCGGGAA			C CTCTTCTCT(	
159251	GCCCTTTAT				
159301	GAGACAGGG'		C CCTGGTTGT	C CTGGAACTC	A CTTTGTAGAC

159351	CAGGCTGGCC	TCGAACTCAG	AAATCCGCTT	CCTTCTGTCT	CCCAGTTTCT
159401			CCGCTGCCCG	GCTTGGCTCC	CCCTTTCTAC
159451	CTGGTGGCCT		TTTCCTCTCT	CAGCTCTGGC	CGCCCTCCGC
159501			AGCCCACTGC		GTCTCCACAT
159551	CCTCTGCCTC		CAGCTTGACT		GCTGTGTCTG
159601	CCACTTCAGT		CTTTTGTGTT	AACAGCTCAG	CAGAGAAAAG
159651	ACCATTTGCA	CGAGAAGCCT	TTTATTAGGC	TTATTACCGC	AGCACCAAGG
	GAGGCAGCAG	AAGAGAGTGT	CTCTCAGTCC	ACTCACGGAG	CCTGCTCAGA
159701			GCCAATCACT	CTCTTGCCCC	TCAACACCTG
159751	CAGCCAGAAG		GCCAATCACT	ATCACAGTCT	TGCCCCTTAG
159801	TCATGGTTAC		TTTTATGCCA	ATGGTGGCAT	TGTCTTAGAT
159851	CACCAGTCCA	TTCTCTTGGA	TCTGCTAGAC	CCCTGGGGGA	GCGCTGCCTT
159901	AAATAAATCA	CAGCCGCCCC		ACAGAGTTCA	TAGAGGCTAC
159951	TCTACCCGTG	CTGGAAACTG	TTCTAGGGTT		TGCACAGTTG
160001	GACAACAAAG	CCCTCCGGGA	GCTGGAGTAG	GCTCATCCTT	AATTCTTTTT
160051	TCACAAGGCG	ACCAGGGGAC	TTGGGAAATT	TATTGTGAAG	CTGCACAAAC
160101	AAGAAAATGT	ATTGTTTTGT	CTTAGTCAAG	GTTTCTATTC	
160151	ATCATGACCA	AGAAGCAAGT	TGGGGAGGAA	AGGGTTTACT	CAGCTTACAC
160201	TTCCACCCTG	CTGTTCATCA	CCAAAGGAAG	TCAGGACTGG	AACTCAAGCA
160251	GGTCAGGAAG	CAGGAGCTGA	TGCAGAGGCC	ATGGAGGGAT	GTTCCTTACT
160301	GGCTTGCTTC	CCCTGGCTTG	CTCAGCCTGC	TTTCTTATGG	AACCCAAGAC
160351	TACCAGCCCA	GGGATGGCAC	CGCCCACAGT	GGGCCCTGCC	CCCTCTATCA
160401	AGAAAATGCC	TTACAGCTGG	ATCTCATGGA	GGCACTTCCC	CAACTGAAGC
160451	TCCTTTCTCT	GTGATAACTC	CAGCCTGTGT	CAAGTTGACA	CACAACACCA
160501	GCCAGTACAT	GCTTCAAAGT	TTCATGCATA	TGCATATATA	CTGTGTATAC
160551	AAACACACAT	ATATGTGTTT	ATGTGTATAT	GTATCTATAT	CTCTCTCTTC
160601	ATGTATATCT	TAATCATACA	TACCGGTCCC	TCAGTCCCTC	CTTCAAACTC
160651	GTCCTCTTCC	CTACAAATTC	ATGTCCTCTT	TTAAATTAAA	AACCAAAAGT
160701	TTAAAAAGTG	TTGAGTCTTT	ACAGAGGGGC	ATGGCTGGGC	AGCCTGCCAG
160751	TGGCCACCGC	TCAGAACAGT	GAAGAATCTT	TAGCTAGTAG	AAAGTTACTT
160801	CTGATCAGCT	TCTAAAGGAC	TGACGGTGAC	TTCCAGGAAA	CACAAGAATC
160851	ACATTAGAAG	AACCTCTTTC	TTTCTTTCTT	TCTTTCTTTC	TTTCTTTCTT
160901	TCTTTCTTTC	TTTCTTTCTT	TTTCTTTCTT	TTCTTTCTTT	TTCTTTTTCT
160951	GGAGCAGAAG	GAGAGTACAA	GACACAATCC	ACAACCTCTT	AAGAGTTTGT
161001	AAGAAGCTCT	CTCCCCTCCC	CCACCCCATT	CCTTTCAAGG	CCTAGAGTCA
161051	GGCCCCTCTG	GAGATGAAGT	GGCTTCCTGA	CAGGGTATGT	GGATGGACCA
161101	GAAAGCTGTC	CAAGATAGAG	GGGCAAAGAG	GCTGCTTGGA	AAGTAACAGG
161151	ATATCTCAGG	GGGTCAAAAC	ATCCCAAACT	CAGGAAAAGC	CCCTCCCCGC
161201	CCCCACGCCA	GTGTCTTTTC	CTCCTCCTCC	CTGCCCTGTA	AGGCGGAACT
161251	AGCTTTGCAT	ACAGAACAGC	GATGTCACCG	GGATTCAGCT	CAGGATGCAG
161301	AGCAGAGAAG	GCAGAGAGCC	GAGAAGTGAT	AGGCAATTCA	CAGGGTTCCG
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161401	GGTTGTTATT	TTATTTTCAT	GTCTGTGTAA		GTGTTCTTTA
161451	AGGCAGACAT	CATCAACAAT	TTTTAAAAAT		AAGCCATAGC
161501	GTAGCACAAG	GTGCGTATCA	GCCACCGTGA		
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			CGTGCAGTAG		
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161651	TGTCGCTGTG		AGCTGCCAGA		
161701	CATCGTGATG	AGTCTGGAAG	CAGAGAGAAC		
161751	TTACATCAGC		CTCATCCTCA		
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161951	AGAATTTCTA				
162001	TTACCCAGGC				
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162151	CTACAGTGTA				
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162401	TATTTTTAA	A TAATCTCAAC	ATTTTAGCCT	ATATATAGGG	ANNGIGINAI

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162651	TTTATTATTT		GTGAATGTTT	TGCTTGCATT	TGTGTCTGTG
162701	TACCATGTGT		CCCACAGAGA	CCAACAGGGG	GCGTCAGCTT
162751	CCATGGAACT		AGAGTTGTGA	GCTGTCACGT	GGGTCCTGGG
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162851	CCACCTCTCC	AACTTCCAAA	CTTAATATAA	GGTTTATGAC	ATGGATGTCG
162901	TTCTAAGGAA	ATTCAGACCC	AGGGAAGCAG	TTGGACTTCT	GCCTGTTTAT
162951	TTAGGTCTGA	GGAAATGAAG	ACAGTTGTTG	AGAGATAGTG	TAATCCAGTG
163001	GTAGGAGTGG	GAACTGACAG	GGTCTGCACA	GGTCTCCTCT	GTGACCACCT
163051	CTTCAGAGAC	AGGAGCCACT	TTTTCTTCCG	CCATAGGCAG	GGGTGTCTCA
163101	CAGGAGGCTC	TTACAATCCA	CTTCAAGGAA	GGGGCAGGGA	GAGGTGCGGT
163151	GAGCAGCCTG	CCTCTGCTAC	ACCCCCAGAC	TCTGGAACGG	GGCACCTGAA AAGCACTGGC
163201	GGCCCGTCAC	CACCACAGGA	AATTCATTTC	TCTGGTGGAG	CTGCCACCAA
163251	CGCTCTCCTC	ACTCATTTCC	AGAAAGTCAC	AATTTTCTTG	AGAGAAGTTG
163301	TGCTGGAATC	CAGGGTTTCT	TGCAAGAAGC	CGAACAAGGA TTTCAATCCC	CGAGTCAACT
163351	GATTGTGTGC	GTGTGAATAC	ATTACAATCT	CTGGCCTGTT	GCTGCTTCAG
163401	GGAGAGAGTC	TTTTCAAATT	ATTACTGCGG	TCAAATGCCC	TCCCCTAAGT
163451	TTAGCAGAGG	CTGGGGGTGG	GGTGGTGGAC	ACTCCACTGT	TTAAATAATC
163501	GCCTCTCAAG	GAACCTGGGA	GGATAGTTTC GGTGAGTATT	CTATTTCAAA	GTCTTTTACT
163551	TTTTTTTTTT	TTTATCTTTC ATAACCGTTT	TTTTTCCCCT	TTTGAGCGTC	TTCTATTCAT
163601	AGATTATTAT	ACATTAAGTT	CCAAAATCTT	TCCTTTGTTT	TCCCACAATC
163651	GTGCCTTCTG	TAGATGGTTC	TGTTTTTGCC	AGTGCTGTAT	TAAAATATTC
163701	TGTTAGATTA TCCAGATAGG	CCGTCTTTGT	CCTGACACTT	GGCTTTTCTC	TCCTTGTGCT
163751		TTCCTGACGA	CTCTCTCACT	TAACTGTAGA	GCGTGTTTCA
163801	TGCTAAGGCA AAGAGACTAC	TAAAAGCTTT	GGCAGAACAA	CCACATCCCC	CCCTCCTCAC
163851	TGTTGCCTAG	CCGGTTCCAC	ACCACACAAG	ACTATAGGAC	ACAGAAGGCT
163901 163951	CTATTAGCAA	GTGGGAAAAA	AAAATCACAG	CACAGCCAAA	TCATCTTTTT
164001	TTTTTCTTCA	GTCAGTCAGC	ATTTATTGAG	GCCATACTAT	GTGCCAGGAG
164051	TTAAGTCAGT	CCGGATTAGT	CAAGTATAAG	CTCTAACTGC	TTCATCCCAG
164101	AAGGTTTTCC	AGGGCTGGTG	AGATTACAAA	CGATCTGGTC	TCTCATACAA
164151	ACTGAGGGCT	TCCCATGGAG	CCTGGTGGAT	CAGTTGTCCT	CATTGGATGT
164201	TGTCATCATC	ATTAGATGGG	GCTGAAGAAC	TGAGCTGTGC	AGATTCATTC
164251	AGCAGCACTG	GATACACAAG	AGGGAGATGC	CTGTGGGTGG	GGTGTGCTTG
164301	TCACTTCCTT	TTCCAGAGAA	TTTGCCTCCT	AACCCCATTC	AGTGTCTCAC
164351	GTCTGAGGCT	GATGCCATTA	TTTCAACTTC	TCATGTGAGG	AAGCCGAGAC
164401	TCTGACCAGC	CAACATAGCA	TCTCACTCTA	CAGATACTCT	GAAACATCTC
164451	AGTGGGGTCA	AAGCCGGGTA	AAGTCTGGTT	TCTACCTTCT	CTGCCGGGTT
164501	GCTGGTTTTC	TCTGCCTCCA	AACTAGAGTG	CTTCATCCCT	CTACTCCAGT
164551	GGCCGTCAAG	ACAAGTGACT	GAAGTGTTAA	AACCTAAAGT	GCTACATTGC
164601	GGGCAGTGTT		CATTTTCTCT	TATGCATATG	AATGTTTACC
164651	TGCATGTATG	CCCTTGTTCT	GTTGGCATGG	AGGCCAGGTG	
164701	GACCCCCAGA		AAGGTGCTTG	TCTGCAGGGG	TCCTGTTGGG
164751	GACTGAATCC		ATGTGAGGGC	TTTGAAGCAG	
164801	CTGAGGCCAG		CTCCCGTGAC	GTCACTGATG	
164851	AAGAAGAGAG		ATGCTGCCTA		
164901	ATTAATTTT		TTTTTTTTT		
164951	TGTAGACCAC				
165001	GAGTGCTGGC				
165051	TTTTATCACC				
165101	ATATTAGGAG				
165151	GAGACAACTT				
165201	CTGTCAGCTT				
165251	GGGTTGCCCC TGGTGTAGA				
165301 165351	GGTCCTGTG				
165401	AGTCAGCAA				
165451	GTTCCTGCC				
165501	GATACACTG		AAGTTGCTTT		
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165601	CAGACTAAGA	AACCCATTAC	TGTCTATAGT	TTTTCTTACT	TTTAGATTTC
165651	CTTGGAAAAC	TAGCAGATAA	GTCTCTGCCT	GACCTTCAGT	GACAATGACT
165701	CCTAGGAACT	TTCTAGTGCT	TTCTGTGTCC	TGTTTGCTGA	ATACAAGCAG
165751	TTAGCTAGTC	ATTTCACCAG	ACTGAAGGCA		GTCACTAGCC
165801		TAACTTGTCT	GGTTTCGGGT	GCATTTTATT	GTTGCCGTTA
165851	GTAACTATTA	TAATAGCAAA	TTTCATGTGG	GAGCACACGC	CCTTCCTTCC
165901	TTCCTTCCTT	CCTTCCTTCC	TTCCTTTCTC	TCTCTCTCTC	TCTCTCTCCC
165951	TCTCTCTCTC		AATGACTGGA	AATTCCAGTC	TTGCATGTCC
	CCATTAAATA	CAGGAATAGA	CCTGTGATTA		AACCCATCTT
166001	TGTCTAGGGC	CAAATCTTTA	TTCAAATGAG	0	AGAGTGAAAG
166051		TCAGGATTGG	TCCCCTCTGC	ACTGATGTTC	CCAGGCTCAG
166101	TCTGAAGCCT		AAGCCACCTC	TCCCACAGAG	CCCAGCGGCT
166151	TGTCCAAGCA	GACAAAATGA		ACAAAATAAT	ATTCTGTACA
166201	CTCTAATCCA	GAGCCATCTT	TTCTGGCTGA		TTTGTCAGTT
166251	TAGTGGCTTG	AACTTTGGTA	CAGGTTTGCG	CAAGTCAGTT	GTCTCCCTCA
166301	TAGAGTCACC	TGAGGAAGAA	AGGACCCCAG	CCAAGGGCTT	
166351	GACTGGCCTG	TGGGCATGTC	TAGATTAGTG	ATTGATGTGG	GAGGTCTCAG
166401	TATACTGTGT	GTGGGGCCAT	TCCAGGGCAC	ATGGTCCTGG	GTTCTACGAG
166451	AAAGCAGGCT	GAGCAAGCCC	TGGGGAACAA	GCCAGGAAGC	AGCCCTCCCC
166501	CATGGCCTCT	GCTCTCACTC	CTGCCACCGG	GTTCCTGCCC	TGCTTGAGCT
166551	CCTGCCTTGG	CTTCTGTCCA	TGAACCTGGT	GTAGAAATGT	AAGCCAAATA
166601	AACCCTTTCC	CCTCCCCGAG	ACTTTTGGTC	GTGGTGTTTA	TTACAGTAAC
166651	AGAAACCAGA	TTAAGAAGAT	GGCGAGTTCC	CCACACGTCA	GTGTGGTCAA
166701	CACTGGCTCC	CAGGCACGCC	ACACTATTTG	GGGGGTTTGG	GGACCTTTAC
166751	GAGATAAGGT	AGGTAGGGTT	GGTTCCTGGG	AGGGCATGCA	TGCCTTGAAG
166801	TTACTTCTGC	TCACTTTCCT	GTCCACCATG	ATGCGACCAG	CCTTTTCTGT
166851	CCCATGCTCT	GTTTCCATTT	GGCTTAATCT	CACGAAGCCA	ACTGACTTGT
166901	GACCGAATCC	TCCAAACCAT	GAGCTAAAAG	AAATCCTGTA	ACCTCCTGTA
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167001	TTTACTAAAT	TCTGTGCCTC	TGCCCTGGTC	CACATCTCTC	TTCTAGGTTA
167051	ATCTCTAGCC	CACCTGCTGG	GCTGGTTGTT	AGCTTAGTTC	TCTCTTGACC
167101	CTTCGTTTGG	TTCATGGAGA	TATACAGAGA	TGGTGGGGGT	TCTTGCTGCT
167151	GCCTTCTGCT	CTGCACCACT	CTCTCAGCCT	TCCATTTGGA	CAGTCTGCAG
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167201	AGTCTTCAAT	AGAAAGAAAC	GCTTATTTAG	TGCACTGTAG	GAGGCAGAGG
167251		AACAAACTAT	TGCCTGCCGC	CTGATTTCTT	TTGTATTGTT
167301	GCCAGGTGGT GCTGCCTTGC	CATGGAATAT	AGAGTGTAGA	AGTTGGGAAC	TTGTGGCTTC
167351		TCTTGTGTGA	CCTATGACGT	AAGAATAGAT	TGTGTACGTG
167401	AGTTATCCTG	TACAAATGTG	TGTGTGTATA		TATGTATGTG
167451	TACATTTATA		GTGTTGTGTT	GTGGGTGTTT	GTGTGTTGTG
167501	TATGTATGTA	TGTGTGTGTT	TGTATATATG	TATGTGTATA	TGTGAGTATA
167551	TAAGTGTGTA		GTGTGTTGTA		TGTATATATA
167601	TATGTGTATT		TATGTGTGTG		GTGTGTTATG
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167701	TATGTTGTAA		GTATGTGTGT		
167751	GTGTGTCCAT				
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167851	GTTACAGCTG				
167901	TTTTTTTTT				
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168201	GGAAGCCTGT				
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168451	GATAGTGCCT		GTCACTCAC		
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168551	TGGGGTTTA		A CACAAAGAG'		
168601	AAGCCTTGC'		GTCCATCGG	G TACTTTATA	C ATTCCCACCC

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168701	TACCAAATCT	CAAGAAGTCC	TAACAAGTGA	TCCTAAGCAA	AGTTGAGCAT
168751		ACCCGAGCTG	GTCATTGTGC	GGGTTTTGCC	TTTTATTTTG
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168851	CAGTGCTGTG		GGCATCAAAA		
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168951	GGGAATTGTG	GATTAGTGTC	TTTCCTTTCC	TTTTTTTTT	TTTTTTTATG
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169051	ATCTCTAGCC	CCTGGATGTA	AATTTCCAAA	CAGCTTACAG	AGAGGGCTAC
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		CAAAGGCAGA	TAGAATCCCT	GTGAGTTCAA	GGCCAGCCTG
169151	ACTCCAGAGG				GAGACTCTGT
169201	GTCTACATAG	CAAGTTCTAG	GTCAGGCAGA	GTGAGATAAT	
169251	CTGGGAGAGA	AAACAAAACA	AGAGGCAAAG	GAAAACAAAG	CGCTAGTGAG
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		CCAGTGCCTT	GGTCTTTTGG	GAATGGTAAC	CACACTTTCT
169551	TAATCAAACC				GTTCCCCAGT
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		ATCTCCACTT	ATTCCCTTCA	CATTCTTTCT	CTTTTCCCTT
169901	CTATTTCTTC				TTTACCCTCT
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170051	TTTCCCTTTT	TTCCTTATTC	TTATCTACCC	TCCCTCCTTT	CCTTTTTTTT
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170201	GCCCCCTTTC	CTTTCCTACC	TTTTCCCTCC	CCCTTCCTTT	CTTTTCTTTT
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170251			CTCTTCTTTC	TTTTTTCATC	TCTTTCTCCC
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170351	TTTCCTTTTA	CCTTCTCCTT	TATCTTTTTC	CATTCTGTTC	
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170601	GTTCCCCTTT	CCTCCCTTCT	CTCAXXXXXX	XXXXXXXXX	XXXXCCTTTT
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170801	AATATAATCT	TTTCTCAAAG	CCTTTTAATA	TTCTATTGAA	TTTGGAGTGG
170851	GTTTTCCCTC	CCTTGATTCT	CCCTAGATTT	TTGTAGTACT	
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170951	CACCATCGGT	TGCCAGGCCC	TCTGCGGAAG	TCACAGCCGT	CACAGAACCG
171001	TGTATGGGAA			ATGACTCACA	GTCTGAGGGA
171051	GGGAACATGG			AAGCCACAGA	
			TCATGGGGCT		
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171351	AGGGCTGAAG		TGGCTTAGAC	TGTGAGGGCA	GCATCACCCC
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171801	GTGGAAACAG	CTCTCTAAGT	AAGCGCACCT	TTCTGACCTG	TGGTGACCTT
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171901	TTGAGAGCAG			AGAGCCCACC	TTTTGTGACA
171951	GTCACGCTCT	GATCCATTTC		TAAGTCATTT	ATGTCGTTTT
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172001	TGTTTTACTC		AGACTGACTC	TCAGAACCAG	CCAAATACAG
172051	TGAACCGCAT	TTCACACCTC			AGGGTGGGAG
172101	GACTTGGCTC	TCAGATGGCT	GTCTGTATGC	TGTGATCTTG	
172151	AGACAGGGTC	TAGCCAAAGA	TGGGGATTAC	CTTCAAAAAG	GGCCAGAAGG
172201	CTGTTTCTCA	TTTGTTCATT	AAAGAAAACA	GGTGCCAAGT	AGGTTCCCTT
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172301	AGAAGTAGTT	GCTCTAGGCT	CCAGTTTTGA	CTGATTTCTG	TTGGTTCTGC
172351	AGGTCTGTGT	GGGCCACACA	GGGGTTTCGG	GGAGCGGTAA	CTATCCACGG
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172901	TGGTCGTTTG	TCATGAAATT	AGTTGGAATT	GCTCATGTGA	ATAAGGAGAC
172951	CACACTGGAA	GTGACGTCAC	TGGAAGGGAA	GTCTTGCTTT	AACGTTTTTT
173001	TTTTTTTTT	TTTTTTTTT	TTTTAGTGAA	GGTTTCTGGA	TCAGGAAGTA
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173101	GATCACATCA	CAAACATGCT	CAGAGCATCC	CTCCCTCATC	TCTGAATGGA
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173201	CCTCATAGCT	GCTGCTTTTC	AGCAGAGCAT	GCCCTGCCAG	TCACTGAATT
	GTTGTCGCCC	CAAACCTCAG	ATGGACACAT	CCCGTCTTCT	TCCATTGCTA
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173451	CCCCAGGGAT	CCTTCTGAAG	TCTGCCCTGT	AACAATTGTC	TACATAGCAA
173501	GTGGAATAGG	TTGCATATGT	GCTTTCTACC		GACACTGGAG
173551	GCAGAATTTA		CCACTTCGGT	GGCCCCTCGT	
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174001	AGGATAATTC	CCTGGCCAAA	GAAGCCATCA	. ATAATTGTTG	AACATGTGCA
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175751	AAATTCCTGA		TCATCCATTC	CCTTCCTCAG	GTCCAACCTT
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175901	TTGGGAGAAG	GGCAAAGGAT	GAAAGGGCTG	TTTTTCCCAA	AGCTTCTCAT
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176151	TTCTTGTAGC	ATCTGAGGAT	AATTTTAGAA	CTCCCCACTG	TTAAATGCAA
176201	TCATTATTTA	GGAGTTAGAA	TATTTATAAG	TATGATGTGA	TTGCACATTT
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176351	GTCGCTGAAT	TTTATGACAC	GTCCAATTCA	CATTGATGTT	GTAGTTTTGC
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176501	TGAGTTAAAT	CTGTGTGGAA	CCATCACTGG	ATATTAGACC	TGACTGAATC
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176751	ACTGTGTATT	AGTTGAAGCA	ACAGGCCTGA	AAGATGCACT	TCTAAGATGG
176801	CTTCTTTCTC	AGTGCCTGCA	ATAGCTGACA	GCTGGGGTCC	TCCTGGCTGG
176851	GCGCTTGCCT	GGGTCTCTAT	CAATGCTACA	CTTCCTCACA	GCGTGGAAAC
176901	TGACTTCCTC	AGAAGTTGAG	GGAAGAATTT	CAGGGTCCCA	GGTTTCTTTG
176951	AAAGTACTAC	CAGGCATAGT	GTGCAAGCAT	CACCTCTGTA	CAACCCTCAG
177001	AACACGAGTC	CTCTGGCATG	TTATGGTCAA	GGATGTCACT	AAGATCAGCC
177051	AAGGTTCAGG	GCCAAGTGAG	GGCAGAGATG	GAGGTATCTC	CATCTTTCAA
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177151	ATTTACCAAG	TAACAATTTA	TAAGTACCCC	CACCCCTGCT	CCTGAAGCAC
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177301	TCCTTGTCAC	ATGATGAAGA			TCTAGAAAGC
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T//201	ACCITATOAG	CILIGAIGAG	GGCCCAIG	. CIIIIIOICAC	

177951	GACAGATTGG	GATTCACCTT	CTAAAAAGAG	TTACTGAGGG	ATTTCTTGTA
178001	ACAACGCATC	CTTGTGAGAA	CTCTTCCGGT	CTTATAAGAC	TTGTGTCATT
178051	CTTTTCAAGG	GCTCTTCTCC	CAGGGCCTTT	CTGCCTACCC	ATAGCCTTGG
178101	ATTTTAGAGA	TTCCACACTC	CAGTAGTTTC	TCACTGGAGA	CCAGGTTTCT
178151	GGTACACTAA	CATGGCGGGG	GTTGAGGCAG	GTCATAACCA	AGTCGCAGCC
178201	AAGTGTCTCA	GGCCTGATGG	CCTTAGTCCA	AGGCTTGTGG	TGGATGGAAA
178251	GAGTCGACTC	CACAAGTTGT	TCCTTTCTCT	CCGCATGACA	TGCTCAGACC
178301	CTCAAACAAA	CGAAGTAAAT	AAATAAATGA	ATACTTAATA	TTTAAAAGTA
178351	TTGGTTAACC	GTGTGGCAGA	ACCTTAAAAT	GGTAGAAAAG	AAAACCATAA
178401	ACCGGATAGT	TTGCCAACAG	TGGCTTATTT	ATCACCATTC	TAGAAGCCAG
178451	GAAGTCCTTG	CATACCAGAC	TGGACATCTG	GTGCAGGCCA	TGCCCTGTTC
178501	ATAGGTGGCA	CTTACTGGCC	TGTGGAGACT	CTTGCATGTC	TACGCATGTT
178551	ACACATACAC	AAACACACAC	ACACACCACC	ACCACCAACA	ATAACAACAG
178601	CAAATAATAA	TATAATACAA	ATCTTTAAAA	GAAAGGTACA	CACAGAGGGC
178651	CAAGAGTCAG	AGGAGCAAGG	TTGTTGTCGT	GGTGATCACA	TAATGCTGAC
178701	AGACAGTGGA	GGGAAGCTGG	AAGTGTGCAG	TTTCACCATC	TGTGTCAGGA
	CTAGCTTCTT	TGATTCCATG	CTTGTCTCTG	TATTCCGTCT	CTCACATAGC
178751		ACCTTTAAGA	AACACCGCCA	CGGAGGACTA	CGATAGTGAG
178801	AGCCAGCGGG	GCTGTTGTCT	GTGGGCCGTG	CTGCCAGTGA	GGGCAATGTC
178851	TATGGACCAT		AGCCAGGAGC	TGTGATGGTG	TCTATGGCCC
178901	TGGGTCTATG	ATCCTGCTAT	GTGGATGCCC	ATGGTCGGTG	CAGCTACCTG
178951	GTGTTAATCC	TGAAGGCCAT	GGCCATGCTG	CTACTGGACG	TTGTGATCAT
179001	CAGCCATGTT	GTTATCCACA	CGTGGAAGTC	CACGATCTGT	GTTCCCGCTG
179051	GTCTGTGGTC	TGCACTACCA		CAAATTCACA	GTTGAGAAAG
179101	ATTGTAAAGG	GCACAGGTTA	CCAATGACTG		TAACAGCCTA
179151	ACTGACATAG	AAGGCTTCTA	GGACAGCTCC	CCTCCCCAG GTGAGATAAG	GATGCTGAAG
179201	AACAGGAAGC	CATGAAGAGA	ACTCTTCAAT		GTAGAAAAGA
179251	TGTAGCTTTT	AAGAATTGAT	GGCTTCTGGT	GGGGGTGCCG	CATGCTCCAT
179301	ACTTAGATAT	TTTTAAGGGG	CTAGCTACTG	GAAGTTTGAC	TATTTATTTA
179351	ACTCCAGAGA	GCATATGGCA	ATACAAGTTG	GACTTGTTTG	TGTGGGGAGG
179401	TTTACTTACT	GATTTACTTT	GTTTGTTTGT	TTGTTTGTTT	AGTGTGATTG
179451	GTCACAAGGA	GAGAGTTGGA	CCTGGGAAGA	CTGGGAAGTG	TTATGTATAT
179501	GGGTTCATAA	TGTGAAATTC	CCCAATAATC	AACAGAAGTA	
179551	AAAACCACGT	AGGTCGGGCT	GTACTATTCT	CCTGTCCAAA	ATACAACAAC ATGTTAGCAT
179601	GGGTTTTTGC	TGTGTTTGCA	ATAAACACAG	GCTCTCCATT	CTGTGATGGA
179651	CCACACTGCC	TCCAGCGTCT	CCTTCTACTC	TTTCTCCTCT	
179701	GCCACCTTCT	TCTCCTTTCT	GTTCCTGGAG	CTTGCCAGGT	TCACCTCACC
179751	AGCCTCCCTG	CATCTCCAGG	CCCTTGCACT	GCAGTTCGCT	CCCTGGACCA
179801	CTCTGGACCT	GCAACTCTGT	GCAGCTGCCT	CTTCCTCCAG	GCCTCGGGCC
179851	AGATAACCAC	AGCAGGATGA	CTGTCTCCGC	CTCACTCCAC	CACCCATCTA
179901	CTTCTGTGGA		GTTGGGAGGT	ACCTTGTAGG	TGCTGGAGGC
179951	AGAACCCAGG	TCCTCTGCAG	GACTAGCCAG	TGTGTTGTAA	
180001	GCCTCTCCAG		TCTTATCAAC	GAAGCCCTCA	
180051	ACGTAAGGCA		ACGGTCAGAC	TTGTTACCAG	
180101	AGGTGCCGTT		AGCTGGAACC	TGGTGTGCTC	TCCATGGTAA
180151	CTTTGTCAAG				
180201	CTTTATTGTC				
180251	TTCATTCTGC				
180301	AACCTTGTAG				
180351	GAGACCCGTG				
180401	GTTGACTTGA				
180451	GGACACTGAA				
180501	TTTGAAATGT				
180551	TTTTTGAGAG				
180601	ATTTGGGAGG				
180651	TTGTTGTTGT				
180701	GATTTTTCTC				
180751	GGCCAGAAGT	GGGGCCAGAC			
180801	GTTGCTGTG				
180851	AAAAAAAAA				
180901	GAATAGGAGG				
180951	AGGAGGAGG?	A GGAGGAGGAG			A GGAGGAAGAA
181001	GAAGAGGAG	G AAGAAGAAGA	A AGAGGAGGA	G GAGCAGCTT	A AGATAACTAA

181051	ATGTTGTTTA	GGGGAAAGTG	TGACACCCCA	AGAGAAAGGA	GCTCTGGAGA
181101	ATTCAATTGG	AAATGTTCCA	GTCATCACTG	ATTTTTTTGT	AGCAGAATCA
181151	GGATGAACTC	CAGGCTTCTA	CAAAGCATCA	GTTGCTCGTA	ACCACTGAGC
181201	CAGCTCTCTA	ACCCATTGCT	TATTTACCTG	TCGTTGCTGT	TGTTTGTTGT
181251	GTGTTTGAGA	CAGGAGCTCA	CTTTATATCC	CTGGCAGGCC	CGAAACTCTG
181301	GGACTTTTAT	GCAGATCAAG	TTCTGAGGAA	GTCTAGAACT	TTGGACTTTT
181351	TGTGTGGACC	ATCCATTGAG	TCAGTGGCTC	AAACACACAG	AGCTCTGTCT
181401	GCCACCCACG	AGTCTTAACT	GAACTGCAGA	ATGTTGCCTG	GTCCAGTTTT
181451	ATTAACTTTA	AAATGAGAAA	ATGGGGCGGG	AGCCATTCAT	GCTTTTGCTC
181501	CCTACGTCAA	TTCCTCACAC	TGTGTGTGTG	TATGTGTGTT	CCTTGCTTCA
181551	GCCTTTTACC	TTTCTAGCTT	ATCAGCAAAG	ATGAGCATAT	TGGTTTTATT
181601	TTCAGCTATC	TGAAAATGTC	ATGATCATAA	CAGTTATTAT	CTGTCATGAG
181651	AGCAACTTCG	CGAGAATGTT	GCTAAACAAA	CACAAATGTT	ATCAGTTGTC
181701	AGCAGACATT	TGTTGCAGAG	GAGACCATAT	GTGACAAGAT	GTGTGGGGGG
181751	AAAAAGTAAA	AGGATCAGCC	GTTATCACAT	AAGAGGCGAG	AATCGAGTGA
181801	AGTTTAGTCT	TAGGAATTCT	TGTTATCAAA	GAACCTTTAT	CGAGGATAGC
181851	CAGCACCTCA	AGATGCAGGC	AATGGAAGCT	CAGGAAAACT	AACACACACA
181901	GAGATCTTCT	GACTTTGCCT	GTGGGAGCTC	TGTCGCAGTA	ATGGATTCTT
181951	GCAGCCCTGT	GGGCATTTCT	TGGATCCTTC	ATTTGCTTTG	GTCTATGGTA
182001	AAGAGGTAAT	TTCACTAAGA	GACAACTGTC	TACATTAGCT	CATTAAAAGG
182051	TCTGTACCCG	ATCAAGAGCC	TGGATTTGCA	AATGAAATAC	ACACACACAC
182101	ACACCAGTTG	ATTTTTATGT	CTTGACTAGC	TCAATGGCTG	GACACTTCTA
182151	AACTTCTGCC	CTTCAGTATT	CCTGGCTTAA	CACCTTCCTG	GCTCAAATGT
182201	TTTATCTTTG	CTGTCCTCTT	ACCTTCTCGA	CCCCCCCCC	CCACACACAC
182251	ACATACACCA	CACACACATA	GTTCTGCTTT	CCCTTTCTAC	CTACATTGTT
182301	GGATGGTTTC	TTGGTTTCTC	TTCTGCAGCT	CTTCAGTCTC	ATCCCTCTGC
182351	CTCTGAGTCA	TGACGATTCT	CCTCCTCCTC	CTCTCTCCCG	TGGTCCCTTG
182401	GTCCCTTGCC	AGATCAGTCT	AAAAGTTCTG	TCTCTGTCTC	CCTGACTAGC
182451	CATGGGATGT	ATGGCAATTC	TTTAGTATCA	ATTGAAGCCA	GCCTGGGGCA
182501	GGTCTGGAAG	GGCAGCTTTA	AGACACAGTA	TTAGAATAAA GGGGAATCAA	TTCCCAACAC ATCCAGGGCT
182551	AGCACACTCA	GCACAGCACA	ATGCAGCATT TCCTATCAGC	TGAGCGGCGT	CCTCGGTTCT
182601	TCATGCATGC	TATGCACGGA CTTGCTTTTC	TGTTTCCGTG	GTTTTATCTT	TGCAGAACGC
182651	AGCCGTGAAT AGCATCATTG	GGATCATGTG	GTAGGCAGCC	CTTTAGATGC	CTTCTTCCAT
182701 182751	GTAGCAATGG	TCATTTACTG	TGCCTCCTTT	CCTCTTTTCA	TGAGCGACTA
182801	GATTCTTTTG	GGTGCTGAGT	AATATTCCGT	TCTCTGGCTA	GGCTGTGTTT
182851	ACTTATCCAT	GGACTTATGG	AGGGATATCT	TGGTTGTTTT	CAGATTTCAG
182901	CAGTTTTAAA	TAGAGCTTCT	GTAAGCACTC	ATGGCATGCT	TTCTTGCGTG
182951	ATATACAACT	TCAGTATAGT	AAGTGGATGA	ATACCAAGAA	GTGCTCGTGG
183001	TGGCGCACAC	CTTTAATCCC	AGTACTCAGG	AGGCCAGAGG	CAGGCGTATT
183051	TCTGAGTTCA	AGGCCAGCCT	GGTCTACAAA		GGACAGCCAG
183101	GGCTATACAG	AGAAACCCTG	TCTCAAAACA	AAAAAAGTTT	CATTTTGTAA
183151	GGAACTGTCA		TAAAGTGGCT		GCGTTCCCAT
183201	CTGCAGTGAA		CGTTGCTCTG		AGAAGTTGGC
183251	GTTGTCAGGA	TTTGGGTTTG	GCCAGTGTGA		GTGGGATCTC
183301	ACTGTGATTT	AATCTGCAGC	TCCCTCGTGA	TTTAAAATGC	TTGTCACATT
183351	TCACCTGCCC	ACCTGCCATC	TGTGTATTTT		CTCTCTCTCT
183401	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
183451	CTCTCTCTCT		CTCATCAACA	. GAGACACAAC	AAAGAGGCAC
183501	AACAAAGAAG		AATACGCAGA	ACAGCGCAAC	GAAACAAAAG
183551	ACAAGCACAA	AGAACACACA	ACGAAACGAG	AGAACGAAGA	. AAGAAGAAGA
183601	AAAAAAAGAA	AAGAAAAAGA	AGAAGAAGAG	AGAGAGAAGA	AAAGACAAAC
183651	AGAAGAAAAA	AAAACGAACA	CCAGAGGACG	AAAAGAAAAG	AAGGAACGAA
183701	AAATGCCAAA	CAAAAAGGAG			
183751	GACAAAAAAA				
183801	GCAACGCAAG	CCCCAACTAA			
183851	AGAAAAACGA	. AACAACAAAA			
183901	ATCTGCAGCT				
183951	CCTGCCATCT		TATAATGATC		
184001	TCTCGGGGTC				
184051	CCTCCCTCCC				
184101	TACCTCCTTT	CCCCCTCCC	TCTCCTTCTC	CCCCACCCC	CCATCATTGC

184151	TGAGTTCTTT	GTATACTTTG	AATAACAGTC	TTTGGTCAGG	TATGTCTTTC
184201	ACAAATATTT	CCTTTATCCT	CTGGCTTCTC	TCCTGTTCTC	TTGAAATTTT
184251	TACTGCAGAG	GAGAGTTTTC	TTTTATGGGT	CCCCGTCAGA	TGTACCCCCA
184301	AATCATCACC	ATACCTACGG	CCACCTAGAT	TATCTCTCCT	TTTATGTATC
184351	ATTTCTCACG	AGACGAGGAA	CTGAATCTAG	GGCCTCACAC	GCACTAGTCA
184401	AGTGCCTCAC	CACTGAGAGA	CGTCCTAGCT	TTCTTCCATA	CTCTCTCAAC
184451	CTCCCTCCTC	CCACATTTTG	ACAGGTCTTG	CTGTGCATCC	CAGGCTGACC
184501	TCTAACCTGC	AGTCCTCCTT	CCTCTGTCTT	CCAAGTCTGG	GATCACAGGC
184551	ATGCACTGCC	TTACTCGGAC	AGAGTCTTAT	AGTTTCCTGC	TTCACACCGA
184601	GATTTGTAAT	GGCGGTGTCT	AGATTCTGTT	TGTTCTTTAG	CATGTCCAGT
184651	TCTTCCAGCA	CCATTGGTTG	AGAGGCGCAT	GGTACTGCCA	GAAGAGGTCG
184701	CTGGATGCCC	TGTGGCTGGA	GTTCCAGGTG	GTTTTTACCC	TATGTGGGTT
184751	CTGGGAACTA	GGTTCTGTGC	AGGAGCCGCC	AGAGCTTATG	AGCCACCTCC
184801	CCAGCATCCC	TTTCTGGTTG	TTGTTTGGTT	CTTTTAGGCA	AGACCTAGCT
184851	GCGTGGCCCG	AGTTGGTCTG	ACTCATGTTC	TTCCTGCCTC	AGCCTTAGTG
	CCAAGTTACA	CACGTGCAGC	AGCATGGCAG	GCTCATCGTC	TCGCTTTGAG
184901	-	GCCATTCGTT	CGGGCTTGGC	TAGGCTGGAT	CTCACCATGT
184951	ACAAGGTCGT	GGCCTCAGAC	TCAGAGAGAT	TCGATTGCTT	CTGTCCCAGG
185001	AGAACATGCT		CACCCCGCCA	CTACATCTGG	CTCAGTTATA
185051	TGCTGGGATG	CAAAGGTGTT	TTTATTTTAT	GTGTATGGAT	GCTTTTGCTA
185101	CTGTTAAACC	AAAGTCTTAC	ACACAGAGGC	CAGAAGGGGT	GGGAGTCAGA
185151	CATTTCTATC	TGTGTACTTA		CTATCACATA	GATGCTGGGA
185201	TCCCTGGAAG	TTGTTGCTGA	GTGCTGCGAG		GCTAAGCCAT
185251	ATAGAAGCCC	AAGGATTTTC	TATAAGAACA	GCTTTTATCT	AACCACAACA
185301	TTCTCCAGCC	CCTTAAAACA	AACAAATAAA	CAAACAAACA	
185351	GTAACAAAAA	CCCCAACTGT	GTGTCTTTGT	CTTAGGTTTT	TTTTTTTAAT
185401	TTATTTTTTA	CTTTCCATGC	ATGCGCATTG	GAGTGTGAGG	GTGTCAGATT
185451	CCCTGGAGCT	GGAGTTGCAG	ACAGTGTGAG	CCGCCATGTG	GTTGCTAGGA
185501	ATTGGACTCA	GGACCTCTAG	AAGAGCAGCC	AGTGCTCTTA	ACTGCTGAAC
185551	TATCTCTCCT	GTTTTAGATT	TTATAGGCTA	TTTTTACAAC	TACCCGAGTG
185601	CACTCTCAAA	TAACTCTATA	TGGATCTATG	GGCAGTACAG	TGTCTAATTC
185651	CTTTGCCTTA		CATTGCCACC	ATTCACTTGA	TGCACATATA
185701	AGCATATACA		AGAAGCATAT	ATAACTATCA	CACAGCAGCA
185751	TATACAACTG	TCATACAGAA	GCATATACAG	CTGCCACACA	GGAGCATATA
185801	TAACTATCAC	ACAGAAGCAT	ATACAACTGT	CATACAGAAG	CATATTCAAC
185851	TGTCATACAG	AAGCATATAC	AGCTGCCACA	CAGAAGCATA	TTCAACTGTC
185901	ATACAGAAGA	ATATATAACT	GTCACACAGG	AGCATATACA	GCTGTCACAC
185951	AGAAGCATAT	ACAACTGTCA	TACAGAAGCA	TATTCAACTG	TCATACAGAA
186001	GCATATTCAA	CTGTCATACA	GAAGCATATT	CAACTGTCAT	ACAGAAGCGT
186051	ATACAGCTGT	CACACAGAAG	CATATATAAC	TGTCATACAG	CAGCATATAC
186101	AACTGTCACA	TGCAGCATAT	ACAACTGCCA	CACAGCAGCA	TATACAACTG
186151	TCACACAGCA	GCATATACAA	CTGTCACACA	GGAGCATATA	CAGCTGTCAC
186201	ACAGAAGCAT	ATACAGCTGT	CACACAGCAG	CATATACAAC	TGTAAAATAG
186251	AAGCATATAT	AAGAAAAAGA	GCCCAAGAGA	AGGCACAAGA	
186301	CACTTGTCTA	TAAGAAGCAT	TCTCCCAGGA	ACTTGGGAAG	CTATTTCCCA
186351	CTTGCCAAAA	GTAGTTTTCT	TTTTAGCCAT	AGCAGAAGGG	
186401	ATTCCATTAA	CCTCTGCCTT	CCTCTCAGCA	TAGGAAGGTC	CATGCTAGCC
186451	TTCAGCCTCT	CTCAGCCCCT		ACTTGTTATA	
186501	CTTCCCACCC	AGCTCGGAGG	CTCCCTTCCT		
186551	ATCCCCTCAA	GTTTTCCTCC			
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186651	TCATTTTTT	TCTCACCCCT	TGCATTCAGT		
186701	ATAATAAAT	GCATTGTTT	TGTTAGTATT		
186751	CAATGAAGAA	TATGACTCTT			
186801	TGGTTTGTCT	TGTCCAACTT	CAGTGTGGTA		
186851	GTATTTTATC	TTGTTATATI	TAAAAAGCAA		
186901	CTAGCCACTA		TACCGACTGA		
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187001	ACTCCAGAGC	AGCCCTCATG	CTCAGGAGTA	GTTGGCCAGT	ATATAATGGA
187051	CTCCACAGGT				
187101	TTACTTGGTT				TTGTTTTTGG
187151	TGGTGGTTTA		TTTTGGGGGT	TTTCCTGTTC	CATTGGGCTT
187201	TTGACTGTGT				GGAGAGGTAG

187251	AAGACCTAGA	AGGACTTGGG	GGAGGGGAAG	AATATGATCA	GAATATATTT
187301	GAATTTAAAG	AATTGTTTTA	AATAATAAAG	AGTACCACAA	TTAAAAGGGA
187351	TATAAAATAA	TTTTATTTCA	CTTTCTCTTA	CCGCCTGGTG	TACTCCCCCC
187401	CCCACCTCCT	TTTTCTTACC	TACTCTTTTC	TTTTTCTCTA	AAGGACTTCC
187451	TTTAACATTC	CTTAGTTTGG	GTTTGACTGC	TGTGAACAGA	CACCATAACC
187501	AAGGCAGCTC	TTATAAGGGC	ATTTAATTGG	GGCTGATTTA	TAGGTTCAGA
187551	GGTTCAGTCC	ATTAGCATCA	AGGCAGGAGC	ATGGCAGCAT	CTAGGCAGGC
			AATTCTACAT	CTTCATCTGA	AGGCTGCCAG
187601	ATGGTGCAGG	AGGAGGTGAG			
187651	CAGAATACTG	GCTTCCAGGT	AGCTAGGACA	AGGGTCTTAT	AGCCCATGCC
187701	CACAGTGACA	CACCTACTTC	AACAGGGCCA	TGCCTTCTAA	TTATGCCACT
187751	CCCTGGGCAG	AGCATAGACA	AACCATCACA	CCTTCCAATG	CAGATATATT
187801	TCCAGAGATT	CTCTCCAGCT	TTGATTTAGA	AATCCCTTCA	GCTTGGAAGG
187851	ATGAATTCAC	TAGACTCGAG	GCTAATGTTT	GTTTCTTTCC	TACACTTTTA
187901	GGTCTCTTCA	CGCTTGGGCG	ATTTCTGAGC	ATTAGCAACA	GTGTTCTCTT
187951	TGCTTCTCAA	AAGCCAGCTT	GCTTTTTCCC	GATAGTTTAC	TTCAGGAATT
188001	TTCATTAATA	ATTTTTCACT	AACTGAAGCT	TGGACACAGT	AAGCCTAACT
188051	GCATTGGCTT	TGTGTGTGTT	TCTGTGATAC	GTGTGTGCAG	GGGTATGCAC
188101	GTGCATATGT	GTGTGTGTAT	ACGTATGTAT	GTACATATAT	GTGCATATGA
188151	AGATATAACC	GCGTATGCAT	GTGCATGTCT	ATGTGTATAG	TATGTGTATA
188201	CATGTGTATA	TTTATCCTGC	ATAATATTCT	TTGAGCTTGG	TGCACCTGTG
188251	GTTTTGTGTC	CGACCTTTGG	GGGGAGATTC	TCAGCATTAC	CTCAAGCACT
		TCGTCGCTCT	TCTTTCCTCT	CCAGCGCTCC	CCTGATACAG
188301	TCTGTCCCAG		TCTGGCATGT	TTTCTTGTCT	CGGTTCTTCC
188351	GCCTGTAGGT	ATCGCACAGC			
188401	TGCCTTTCAG	TTGGTGGGAT	TCTGTTGATG	TGATAGATAC	TGTTTCCTGA
188451	ACACAGAGCT	CACCAAAAGC	TCTTCCTTAT	GGGTTCTTTC	TCTGTGGCTC
188501	CCCGGCCTAT	CCATTCTTAA	CATGCTGACT	ACGTGTTAGA	ACCGTTCCCT
188551	TATAACCACA	GTCGCGTTAA	GTTCCTGATT	AGTGATTTCT	ACTTATAATC
188601	GGACATGAGG	GCTGCGTAGA	GGGCACAGCT	GTGACTGGGC	CTCTAGCAGA
188651	TGTGATAAGG	CGTGGGAGTG	AAGCCTCTTG	TGGGTCCTCT	GGTGAGGTCT
188701	CCGTGGTTTG	GTGAGCCTGC	GTAGCTGCTC	TCTGAACCTC	ACAAGTGTTT
188751	CTTAGGTGAG	AGGGTAGCGA	GGTTGGGATG	AAGTGGGGGT	CAGTTATGAT
188801	CTTATATTGG	CCCGGCAGGT	TATCTGTGGT	TAGTTTCCCC	TGTGCAGACC
188851	TGCCTGTGTC	TTTCACACTG	GATCCCTTTC	TTCGTCCCCA	CCCGCTGGAA
188901	GCATGCAGGG	GTTTTCCTGT	GGACATTTCT	GTCCCAATCC	ACTAGGTTCC
188951	TTCTCTGTGT	CTGGTGGTTG	TCTCTCCAGT	GGTCGGGAGA	CTTGCTGCTG
189001	AATGGTCACT	GTTTTCAACT	CTCTGCTCGA	TAGGCAGAGG	GGTGACTTTC
189051	TGAGCATCTT	GGAATAAGAA	AACAATTTTT	GACCTACTTT	TTGTTTTTAA
189101	ACATTTATCT	GTGTGTGTCT	GTGTGTGTGT	GTGTGGCGTG	CGCGCGCGCG
189151	TGCACGTGTG	CTTCCATGTG	CATCCCATGT	TGGCATGTGT	GCAGATCAGA
189201	GGATTTTCCA	CCATGTGAGT	TCTGGGTATT	GAACTCAGGT	CATGAAGTTG
189251	GTGAGCAAGC	ACCTTTACCC	ACCAAGCCCC	CTTTTACTTT	TTTTTTTTTT
189301	GTCTTTGAAA	AGAAAATGTA	AGGCTGGTGT	AGCAGCACAG	GCCTTTAAGC
189351	CCAGCACTGA	GGCAGGTGGA	TCTCTGTGAA	TTTCAGGCCA	GTCTGGTTTA
189401	CAAAGTGAAT	TCTAGGGCAG	CGAGTGCTAC	ATAGTAAGAC	AGTGTCTTAA
189451	AAACAAAAAC	AATAACAACT	ACAACCCCAA	AACAATAACA	ACAAAAGAAG
189501	ATGAAGTGTA	AATACCCCCC	CCACCCTCCG	GTCGAGATAC	TGGCCCTGGC
189551	CGCTCTTGCA		AGACGAGGAT		CCAGGTGTGC
189601	TGGAGGAGGA		GTTGATGGGA		AGCCAGAGGC
189651	AGCCAGAAGA				GAACTGGGCC
189701	ATGAGAAGGG	AGGGGGTGAG	CATGGAGAGA		
189751	AGGAGGCCAA	GAGAGGAACC	AAGAGGCCAA		CGAGGGTGGC
189801	CACAATGGCT	GGGTTATATA	GGAATCAGAA	. GCTCGGGGAA	TGGAAGATGT
189851	GGTAGCTTTT	CCTGGTCGTC	AGCTTGACGA	CATCTGAAAT	GAACTCCAAT
189901	CCAGAACTGG	AGGGCACGCC	TGTGATCCAG	ATCTTGAGGC	TGGAAGGCAC
189951	AAGTGTCTGA	CATAGATCTT			AGCTTAGGCC
190001	CAGGCAAGGT	AGTACATGAG	ACTTAATTCC		
190051	TCAAAGGTCA				
190101	CACACCTTTA				
190151	AGATTTGCTC	TACTTGCAAT			
190201	CCTGCAGGAT				
190251	TGGGACTGAG				
	TGTTGGGCTA				
190301	1G11GGGCTA	GIIGGACIGC	- AGACIGIAAG	CAICACAGI	PACTICCT1

190351	AATATAGAGA	GGCATTCCAT	AAGCTTTGTA	ACTCTAGAGA	GCCCTGACTA
190401	ATACAGAGGG		GGTGTGAGAG	GTTAGGGTGG	GGCAGGGGTG
190451	AGAGGGTTGA		GGCTCTGTTA	CAGGTGCTCG	CAGAGCCAAA
190501	AGAGCCAGGC	AGCCAGCTCT	GCTATATTAA	TAAGTACCAC	AGTTAGCCCT
190551	TTGTGATAGA	TTAATAAGTA	CCACAGTTAG	CCCTTTGTGA	TATATTAATA
190601	AGTACCACAG	TTAGCCCTTT	GTCCTGTGAT	TCTTCGGGAT	CTGACAAAGG
190651	CAGAATACGA	AGGTTTCCCA	GAAACCTGCA	TGGCAGCTCC	CAAGCCCATG
190701	TAACTCCAGT	TCCAAGGAAC	CTGGTCGACT	TTTCCGACCT	CTGAGGGCAC
		TGTGGTGCAC	AAATATACTT	GCAGGCAAAA	CACACACATC
190751	CAGGCACACA		GGGGGGATAC	TGTTTGAAAC	TTCCCTTATC
190801	AAATAAATAA	ATCTGAAAAA	AACCCCTGTT	CCCTGTAAAT	GATAAGGTCC
190851	CAACTAACAC	AATATAGACC		ATAGTTGTCG	GTTTGCTTCA
190901	TATGATCATT	ACCGCCTGTA	TCATTTGAGC		
190951	CAGCAAAGGG	GTCCAGCAGT	TGGCTGCCAT	GAGTATCTGC	AAGGAACGCA
191001	CTTGTTTCTG	GGCCCTCCTC	CCTGTGCGCT	TGGTGCATTG	TGCCATCCGT
191051	GCTGCCTGCT	TTTGTTTTTA	TCCAGTAGTG	CACCGTGTCT	ATTAGAGAGA
191101	TGATGTATCT	AAGAGCAAAT	CTGTAATGTA	CGGTGTAGTT	AATTTAAACT
191151	TATCCCTGTC	TAGCTTACAA	ACGAATGAGA	CTCGGACTGT	GGTTATTTTA
191201	TTTGGCTTTG	ACCAATATTT	GACTGGGGAG	TGACCCATAA	TCTACTTTTC
191251	TAACTGCTAT	GCTGGCTACC	CTCCCCAGCA	GTGTACCCCA	GATACCTGCT
191301	GTTTCTCTTG	GCCATCTCCC	CTCATGGTGG	CTTCCTCCTC	CGTGCCCTTT
191351	CTCCCTCTTC	TCTTCCTGTG	ACCCCCAGCC	ATGTAACTGA	AAACCCACCT
191401	ACCTCTATTT	CCTCCAGTAA	TTGACTGTCG	CCAATTTTAT	TCAACCAACA
191451	GTTTTAAATT	ACAGAGTAAT	GTTTGCCCAA	CATAAGCTGG	TATACATGAG
191501	AATTCACTCA	TCTTGAATAT	ACAAAATTTA	GCATATAATA	CATAGCAACA
191551	GACCAAACCT	CAACAGTACG	TGGCTCTTCT	ATGCCCGCTC	CTGCTCTGAA
191601	ATGAGACAGA	AACTAGGTAC	TTTCTATTAG	TGAGTTTCTT	GTACTATAGC
191651	TGGCCTGGGT	TTATCTATTC	TAACTAGAGT	ATGCTTGGCC	TGGCTTACTT
191701	CCCAGCCACT	TGGCATTCCC	TGCCATCTGA	GCCTTGCCCT	GGCTCCTTCT
191751	GCTCCACATG	AAGCATTACG	GTGACTCCCT	TGGCAACCTG	CTCATGGTGC
191801	ATCCTCCTGA	TCCCTCTCCT	CTCCTCTTCC	CCTCTTTCTC	TCCTTGGGAG
191851	CCCCTGACTG	GGATCAGAAG	TCTCCCCTTA	ACTCTTCTCC	TGCCCACCTA
191901	CAAGCTGATT	AGTTCTTTTT	ATTAACCAAG	TGGTGGTGAT	GATGGGAAAC
191951	TATCTTTACA	CATCATTGAG	ACTAGAGATG	CTCCAATAAT	CACGGCGATG
192001	CCAACGTCTG	ACTGCAACCT	GGTCTCTGGG	CAGAGAACTC	AGCATCTCAA
192051	GTGCACAGTA	CGCAACCAAC	CCCCCCCCC	CCCAGTGTAA	AGCAACATGA
192101	AATGTGGTAA	CAACAGTGCT	CAGGTGAGTT	TCCTCCAGCA	GAACCTGCCA
192151	CGCTCCTCAT	AGCTTTACAT	CTCAAACTGT	GAAGAAGAAG	AAGAAGAAGA
192201	AGAAAAGAAG	AAGAAGAAGA	GGAGGAGGAG	GAAGAGGAGG	ATGAGAAGAA
192251	GAAGAAGAAG	AAGAAGAAGA	AGAAGAAGAG	GAGGAGGAGG	AGGAGGAGGA
192301	GGAGGAGGAG	GAGGAGGAAG	AAGAAGAAGA	AACAGAGAGA	GGGAGAGGGA
192351	GAAGGAGAGA	GAGTTTCAAG	ACCCCACTGA	GTGAAGCCAT	GACTCATGAT
192401	TCCCATCTAT	ATCCTTTGTG	AGTGATGTTG	GGAATGCCGT	CACTGGAAGG
192401	GACATGTAAC	TGGTAGCTGC	AAGTGACTCT	AATTGTGTTG	
192451	GTCTGGGGAA				
	TTCCATATAT	TAAGCAGAAG	TGTCCACTGT		
192551		CATTTAGTGT	GTGGAGAATT		
192601	TTGCCTTGAC	CTTCTGACCC	AGCTGTTGTT		
192651	AGTGGATGAC	-			
192701	AGCTTCAAAA				
192751	CTTGGGATAC		AGATCTCTCT		
192801	TGGTCTAAGT				
192851	TCAAGTAAGT				
192901	TGTTACAGAC				
192951	CAGATGATTT				
193001	GAATTCACCT				
193051	AGAGCAAGTC				
193101	GACAATATGA				
193151	TTTTTTTTT				
193201	CTCTAGTGAT				
193251	TCTCTGCGGT				
193301	AACAGAAATI				
193351	GGACAGTATT				
193401	GAGTGCTGGG	AGGATAGTGG	GAGGTTAGT	GGTGGTTAGT	' GGGAGGATAG

193451	TGGGAACTTA	GCGAATAGGA	GGGTGGAAGG	AAACGCAGAC	AAGGGAGGAT
193501	TGGAATATAA	AGTTCAGAGG	GCAGCAAAGA	CCCTAGCAGT	CATTTATGTG
193551	ATAATTTGGA	TTAAGGATCT	GCAATTAGTG	GTCAGCTGGG	GCTGAAGAAT
193601	CAGCTTCGAC	TACCAAGGGA	CCAGCACCAC	AGACGTGGAA	CTGTCCATGC
193651	TTTGCCCGGA	CAATAGGGCC	AGCACACAGA	AGATCCAAGC	AGGCCAAGGC
193701	TGCATCTAAA	GCTGAACTTG	GCAACATGTA	AGAGTCTCTC	ATGTGATATT
193751	GGTTTTGAAG	ATGTGAAAGC	TTGCAAGGTT	GAGGGACCGA	GGACCAACAC
193801	CCCATGACAT	TGTTGGCGGC	CAAAGGATTC	CTGTGGTAAA	GGTGCAGCAT
193851	CCTTTGCAGG	GGAGACCCAG	GGCACTGGCT	GGAGATGAGT	CCTCATATTG
193901	GACAGCTGCC	AATGAAGCGG	CAGGTGTGCA	GTGGAGCTGG	CCTGAGGCAA
193951	TGACATAAGC	TACAGGTGCT	GCTGCTGGCC	GAGCTAGAGA	
194001	CCCAAGAGAG	AGATCTGTGT	AGCACATAGC	AATGCTTGAG	GGGCGGGCC
194051	TTCAAGCCTA	TAGCAACGCT	CGAGGGGCGG	AACCACCAAG	CCCATTGAAA
194101	CTGATGCCTA	AAGTTGGGCA	CGCAGTTACA	GTACGTGGCG	TATGCCCTGC
194151	TGGCTTCCAG	CCATGCTACG	GTCTAGCCTT	TCTTGCCCAC	ACCTCCAGTC
194201	CTCCCTTTGG	GAATGGGAGT	GTATGCCACA	AGCCCCATTT	CATTTTAGAG
194251	CTTATCGATT	TCACCATCTT	AGGCCAAGAA	TGATTGACTT	CTCATTCCTA
194301	AGTGGCATTT	TAAAAATCAA	TTTTGAGTTT	GAAAAAGTTA	TAAAAAGTGT
194351	TGGGATGGCA	TACAAGCCAT	TCAGAGGTAG	AAAGAATAAA	GTTAAATGTT
194401	AACATCAACA	TAGACGTTTT	AATAAAAGTC	AGTAAGGTCT	CTGTTAAAGT
194451	AGCATCACAA	AATAATACCC	GTTTCAGATG	TATTGTCCGG	TGTCTGAGGG
194501	GTGGGGGGTG	GGGAGCAGGA	${\tt GTAGGTCTTT}$	GTAGGCGTGA	CACCATTAGC
194551	AGAACTAGAG	AAAACTCAAA	AAGAGAAAGC	AGATACATCT	CTATGAGAGT
194601	TCCCTCTTTA	TAGTAAGAGC	TCTGCAGAGA	AGGCTAAAAA	CTAACATCAA
194651	TATGGGAAAG	TGTTGGCCAC	ATATGTAGCA	AAGAGTTATT	ATGCAGAACT
194701	TATAGATTAA	TAAGCAGAAG	ATGGACTGTT	CAGCTAAAAG	TGGAATACCA
194751	ATATACAGGC	ACAGTATAGG	CACCGATGGC	CGCCAGCACA	TCCCTTCCCC
194801	CCTGACTATA	CCCATCACTG	CCCATCATTT	GCCAAGTTGG	CCTTGGGCTA
194851	AGAGCTTCAC	CTCAACACTC	AATAAAGCAC	CAGGCAAGGT	GCATCAGCTC
194901	CCAGAGAAAC	TCAGGACAAA	TGGCTAACTG	TGGTGCCTGT	AGCTTACGAA
194951	GCGCATGTTG	CTCTCAGGCT	CTCTCGGCAA	GTACCTGTTA	CAGAATCCAT
195001	GCTCCTGATC	CTGGCTCCTC	TCAGCTCTCT	CACCCCATGT	CCCACTCTAA TCTGATTCTT
195051	ACCTCTAGCT	TGGGGGCTTT	GCTTCCCTTG	CCCCCCAGCT	GGGTTCTACT
195101	ATGTAAGCCA		CACATGCTCT	GTCTTAGTCA	ACAACATTTA
195151	GCTGTGAACA		CCAAGGCAAC	TCTTATAAGG AGTGCATTGT	CATTAAGATG
195201	ATTGGGGCTG	ACTTACAGGT	TCAGAGGTTC	GCAGGAAGAG	CTGAGAGTTC
195251	GGAGCATGGC	AGCATCCAGG	CAGGCATGGT AGAATACTGA	CTTCCAGGCA	
195301	TTCATCTTCA		AGTGACACAC	CTACTCCAGGCA	
195351	GGGTCTTAAA		CAAGGCCACA	CCTACTCCAA	
195401	CTCCAAGGCC	ACACCTACTC GTGCCACTCC	CTAGACCGAG	CATGTCTAAA	
195451	CCTTCTAATA		GGTCCTCTTG		
195501	GTCCTTGGTT GTTCCTCCCT		CTGTTCTCTA		
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195601 195651	TTGTAGCAGA		TTGGAAAATA		
195701	TTTTATGTCA		AGCTGGGATC		
195751	AGTCTGTAGG		TATTGATGCT		
195801	CACTGTGGAT		CTGGGCAGGT		
195851	AGCCGGGGGA				CTCTCCTTCA
195901	GTTAGTGCTT				
195951	TGGGCCATGA				
196001	ATGGTGCTTA				TACTCTCACA
196051	GCTGGGGAAC			ATAATAGATI	GTGGGAGCAT
196101	GTATGAACGG				
196151	CCTTCAGCAT				
196201	AAAAATTGAT			ATTTGAGACA	
196251	TTATAGAGTA				
196301	CAAGTGCTGC		GCTTACCAC	CCCTGGCTC	
196351	ATCGGGCAAC			A TTCCTACCAC	
196401	ATAAGTAAAA		AGTATCTGT(		
196451	AGGAGTGGG	A GAACTAAAGT			
196501	GCTCCTAATT	TCCAACTGGC	TGGAACAAG	A AGGCAGAAC	A AAGCAGTTAC

196551	GTAACAGGAC	ATGCGGCTCA	GCGGAGCTGG	ACAGCTCCGG	TGTTATGTGC
196601	TGAAGTGTGC	CTGCCAGTCA	GAGGCTGGGG	AGCCTGGCAT	GTAGAGCCGA
196651	TGTCTTTTCT	CCCGTATGCC	TTCCTACAGT	ATCTGCGGAT	ACAGTTTTAC
196701	TATTACATTT	GCCGAGGTAT	TTACTCTAGT	TGGTAATTTT	TTTTTTCTTC
196751	AAAATGGTGG	CGCATCTCAC	CTTGAAGACT	GAGCTCACGG	GTTGGTGACT
196801	AGGAAAGTGT	TCTACAAAAG	CTCGTTAACT	TTGCGTTCAT	TCATGAGTTT
196851	GGGGGTACTT	TTAAAACTTC	CATTTCCTTG	AGAGCAGTTG	ATGCAAGTAT
196901	CAGATTATAT	ATGCACACGA	ATTCTCAGGT	TTTCCCAAGA	ATTTTAATAG
196951	TTGTCCAGCT	GTCTGGTTTT	CAATTCCACT	CAGTGTGAAA	GCTGTGCTGA
197001	GTAAATTTCG	TGGTAGAAGT	GAGGAAGTCC	TACTGATGGT	CCCTAAACCA
197051	GTAGGTTTGC	AATGTTAGCT	TTCCTCATTG	GACTCGCGTA	CCCTCTTAAC
197101	TCCAAAACGA	AATGTCCCAG	TAGGATCTAA	CCAAGTGGCT	GAGGGGACCT
197151	GCCCGAGGAG	TCTTGATAAT	TTTTTGATAA	CACATAATCT	TAAGCACATC
197201	TGAGCTCCAG	GTCTAGAGAA	GACTCCTTTT	TCTGATAGTC	AGTCATGTTA
197251	GGAACATCTT	GAAGGACCTG	ATAGAGCCAA	AACCAATTAT	GAAACGAGAT
197301	GGGCTTGGGG	GTGAACCTTT	CATCTCAGCA	CTCAGGAGGC	AGCGGCAGGA
197351	AGGTCTCTGC	ACATTTGAGG	CCAGCCTGGC	CAGTGTAGTG	AGTCCCAGGG
197401	CAGCCAGGGC	TGCATAGCAA	CATTCCGACC	CAGATAACTA	AGGAGCAGTG
197451	AGCGGTTTGC	ACAGTGGCTA	ACCATCATCC	TGCATACTCA	AAGAGCACCG
197501	GCCAGTGATA	ACAGTAAGGA	CTAGTCGACA	TAGCGCCTCC	CAGTATCTGG
197551	ACACAGATGT	GTGCATTCTG	CTTAAAGAAA	CAGGTGGATT	TAGAAAGAGT
197601	GCTTCATTTC	TCACCAGAAG	GAAAAAGAGA	GGCACAGGTA	GTGAAGACGC
197651	TGACTTTAGA	AAACTCTAGA	TACCTTCAGG	GAGCAAGCAG	AGCAAGGAGA
197701	CCGTTGCAGA	GAAAATGCTC	AAGGAAGGCC	TTTAGAGGAG	CCTTTTAATG
197751	CAGTAGGAAT	TCTGAGTTCA	TCCCTAAGTT	GTTGCATTGA	CACAGTCCTT
197801	TCATTTTGAT	ATTCTCAGTA	AATGTGTTTT	TTTGTTTTTT	TGTTTTTTT
197851	TGGGGGGGG	GTCAGACCGA	CCTAGGTTAA	AATTAAAATC	CAGGCTCCTT
197901	CATTTGGAGT	AGTTTTTAAA	AACTTGAGCA	AGTTCAAGCT	TTCCTAAGCT
197951	TCAGTGTTCT	CATCCCCAAA	TGGAAACCTC	CGGAAGGTGC	CAAGATTAAA
198001	TGAGATATTG	TTATAAATAA	CCTAACAGTA	CCACACTAAA	TGCCAGTAAA
198051	GTGCCCGGTA	AGTGGCTTAT	TTTGCTGTGC	ACATTTGTTT	ATTTTAGAAG
198101	AGTTTATCGT	GCTACACGAT	AAGTTGACAG	TCCTAGGTTC	ACACCTGCCT
198151	CCACTGTTTG	ATAACACATA	ATCTCAAGCA	CATCCGAGCT	CCAGGTCTTT
198201	GCCCACAGAA	TGGTTATCAG	TACTCTTTAT	CTTGTCAGAA	CTTGTGAGGT
198251	CAGAGGCAAC	CCAGTCTGTG	CTCGCCAGAG	TCTCTGCCTG	GGACAGAGTT
198301	AGTGCTCGGT	GAGTGGTTAT	TGTCACAAAG	CGAATAAGCC	CTGAAGAGCG TACCTCCAGC
198351	TCTTAGGTCT	TGTCATATTT	CCCCTCCTGC	CTTTGCTTTT	AGCCCAGGC
198401	TGTAGTCTTT	AAGAATTTGG	ATGTGCACAA	TTAAGACTAC TACAAGAGGA	
198451	CAGGTTAAGA		AAATGTGTAT		CTATGGCAGC
198501	ATGGCCGCTC	TCGTGGAAGA	CTCAGATCAG	TTCCCAGTAC GATCTGATGG	CTTTTCTGG
198551	TCACAACCAT	CTGTAACTCG	AGTTCCAGGG		
198601	CTCTTGTGGG	TACCAGTCAT	GCAGCGTGCA AAGCACCACG		
198651	TACTTGAGAG		TTTGGTCTCT		TGTCAAGTGG
198701	AAGGGTATCT		CTGACGTCAC		
198751	AACATGTGCT	GTGCAACCCA			ATCGCTCTGG
198801	ACCTTTGACC AGGTACCTGG		GCTGAGCAGC		
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198901	GCGACTGCCC AGACCACGGA				
198951	ATCTCCTGAC				
199001	TGATTTGCAT				
199051 199101	GCTTACGTTT				
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199201	TCGGTGAGGA				
199251	ACAGAGCCTG				
199301	GTGCTGCATT				
199351	CTTGAGTTTT				
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199451	CTTAAAGTGG				
199501	TCTGGCTCAT				
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T))00T	.00101000				

199651	AGCCTTGCTT	CATGCACAGA	GCTCAGCTCA	TATCCCCATG	TGCCATATTC
199701	CCATGTCCTT		AGATTTATGC	ATGTGAGCCT	TTTGTCAGCA
199751	CATGTGCATT	TATGCCACGA	ATGTGCCAAT	ATCAGTGGCA	TTCGGCAGAA
199801	GGTGCTAGAT	CCCCTGGAAC	TGGAGTTATG	GATGGTTGCA	AGCTATGTGG
199851	GTGCTGTGAA	CCAAACCCAG	GTCCTCTGCA	AGAGCAGCAA	GTGCTTGTGA
199901	CCACAGAGCC	ATCTCTCCAG	TCCCTGCACT	TGTATTTTAT	AGCACACCCA
199951	GCACAGTACA	TGGCTATGAT	GACTGCCTGC	TCTCATTCTT	GAATGGCTAG
			CTACCTATGT	TCTCCCTATC	ACTGTTTCCC
200001	AGCATACGAG	GGTGTGGCTT	CTGCAAACTA	AATGAATGGA	TGAAGGAACT
200051	TAAGTGGCTT	CCTGTTGACA			
200101	CAGAACATCA	TGATAAAGTT	TAAGTGCATA	TGGTGTGTCC	TCCTGGGACA
200151	TGACTTTAGC	AATGAACGCA	GCTTATAAAG	TAGTGCAGGT	TTCTCATGTT
200201	TTGCTAATGT	TTAAATAAAA	AAGCAGGATA	ACATCTACTA	AGATTTGGAA
200251	AATAAATAAA	CAGGCTGCAA	AATGTAACAC	GAAGGGATAC	AGACCTGGTG
200301	GAGACAGGGG	TTGGGGAGAA	GAGAATAAAT	TAGTTTATTG	TCTTTTTAAA
200351	ACGTCTCTTT	CCCCTTAGAC	TGTGAATGGC	TTGATGCCAG	CCACCAAAAC
200401	TTATGTTTAT	ATCTTTAGGA	AGAATATATT	CCTCTGTACA	AATCAACTCT
200451	TGAGCAAACT	TGAATAAGTC	GTAGACCTTT	GGAGCCAACT	TCACATGTTC
200501	TTAATGCTGA	TATTACACAC	AGAAGCAGTA	TAATTTATGC	AAAGAATACT
200551	GTATACAGAA	TCAGAGAGCT	CTAGTATCTT	AGTTACTTTG	CTATTGŢTGT
200601	AATAAGCCAC	CATGAGCAAG	ACAGTTTATA	GAAGAGTTTA	TTGGGGCCTT
200651	AGGGTTTCAG	AGGGTTAGAG	TCCATGCGAA	TGATGGCAGG	GAGCATAGCA
200701	GCTGACAAAG	AGGCATTGTG	TTGGAGCAGT	AGCCGAGAGC	TTACACAGTA
200751	AGACACAAGT	ACCAGGCAGA	GGATCTAACT	GGGAATGGCG	TGGGCTTTTG
200801	AAACCTCAAA	GTACTGCCCC	AGTGAGACAC	CTCTTCCAAC	AAGGCCACAC
200851	CTCCTAATCT	GTCCCAAACA	GTTCCACCAA	TGGGGGTGGG	AGGGCAAGCA
200901	TTCAAGTATA	TGAACCTGTG	GGGTGCCATT	TTCATTCAAC	TTCTCTAACC
	TAGGTTTAAA	ATTACAATTA	AGTTTAAAAC	CTGGGTTTAA	AACTATAATT
200951	AAGTGAAGGT	TAATTGTGCC	TATCAAGTAG	AGTGTGCTGT	GCAGGCGTAG
201001				GTGTGTAACC	AGGTGTATCT
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201101	CAGCAGGTGT	AGTGTGTAAC	CAGGTATATC	TCAGCAGGTG	TCTCAGCAGG
201151	CCAGGTGAAT	CTCAGCAGGT	GTAGTGTGTA	ACCAGGTGTA	
201201	TGTAGTGTGT	AACCAGGTGT	ATCTCAGCAG	GGGTATGTGC	ATCCTTTTTG
201251	CCTTTCTCTT	TAGCCTAGTC	CCAGAAATAT	ATAGTAAATA	GATCATTAAA
201301	CAGAAGCAGG	TAACCTCAGG	GTCTTTGAAT	CATAGCAATA	GAGTTATACC
201351	TTGTTTACCC	AGACAATTAT	GGGATGCTTC	ACCTGCAACC	CAAGACAGTG
201401	TGTAGGAGCT	GGGGAGCTGT	CCATTCTTGT	CCACAGTCAG	ACTGTAACTA
201451	AAAATATGGA	CCAAACGGTT	TTTCTAACAT	CCTAGGGTTC	AAAGCTGTTT
201501	GTCCACTGTA	GTAAGTTCTG	TCTTTCCAGT	CTTACAGGCA	CCCCCATGC
201551	TCACTTCCTA	CAGCAGTTCC	TTGCGTTGCT	AATTTCATCT	GTTCTTTAGT
201601	ATCCATTCCC	CCATCTCTTT	CTGTTCTTTA	CCACCTATCA	CCCCCCACA
201651	CACACAGTTA	AGATGGGGAG	AGGGTAAGAA	TATGGGGTGA	TGGTAGAGCA
201701	CATGCCTACC	ATGTATAAGG	TTCCAAGTTT	AGTCCTCAAT	ACAGAAATCA
201751	ATAAATGCAC	AATCCTTGTA	TTTATGTATC	TGTTCATTTC	TTTTAAAAGA
201801	TGAGTGGATG	TCGGATGTGT	CAAATGTTGA	TGGTAGCCAC	CAAGTTCCAT
201851	CCTGATTTCT	TTTGGAATGT	GTCTGGAGTT	GGTGAGTTCT	CTGGTTGCCC
201901	AGCCGCCCCC	CCCACCCCCA	CTAGGATACA	GAGGCCACGG	AAGTATGAAG
201951	AGTGTTCTTT	CTCCTTTGAT	TGTAGCGTGA	TGAGGTGCGG	AAGGACAGCC
202001	GCTGAATCTG	CAACCTTATG	GGTTAGAAAC	CAGAAATACA	GCAGCCACCT
202051	TGTGTTAGTT		ACTACACAGA	CAACTAGGTC	TCCAAGGAGT
202101	TTGGAGCCCA		ATGGACATGA		GGTGCCATCT
202151	GAGCACATAG		TGCATGAGGG	AGGGACAGAG	
202201	TGGGGCTGTG		GCAGAGCTTG	CCACGTAAAC	AGGGTGAGGG
202251	GACAGCGTGG		GATTTCTGTC	TGTGTGGCTG	
202301			GTGCGAGGCT	ATGGGATCTC	TTTTTCTTTA
202301	GTCAGGTGTG CTTGGTTCCC	CAAATAAAAA	TGAAGCCTTC	CCATCTGTCT	
			ATTGTACATA		
202401	GGGTGATATT				
202451	TTAAACAGTG		AAATTATATT	AGCTAATTTA	
202501	ATTGAGATTA		TTTAAACAGT		
202551	AGCTAATTTA				
202601	TAGTGCCGAT				
202651	CCCTCTTAGG		ACCACAAAAG		
202701	GTCTATACTG	TAGGCAGTTC	CCAGGGACTT	GATAGAGTAG	TGAGGAGAAG

202751	AATGGGGGCG	GCCCCCACCT	TGCCCACCGT	GGCTGGCCAT	GCACCTCGGA
202801	TACTGTGTAC	CTTTAAAATC	ACACCTGTTG	TACGCCTTGG	TGGCCTTTCC
202851	AGGCCAGGGA	TCTGGGTAGT	CAGTTTATAG	TTCTAGGAAC	CGAGCGAGAC
202901	TGCTGTGTTA	GCACTTGTGT	GCCTTTTATG	GGCCAGGGAA	TGGTGTTGAG
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203001	AACTTTGGGG	GTGAGAAAAT	ACAGCTCATT	ATATAAAGCT	ATGCTGGTGC
203051	TCACACAGCT		AGGACCAGTA	TTCCAAAGGC	AAGGGGGAGT
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	TTTGGGATCA	CAGTGGCTTG	CTTTGAAAAG	GGCGGCACTC	TTCTGTTGCT
203151			ATTGGCACAA	AACAACAGCT	ACACACACAC
203201	GCCTCTGAGT	TGTTTTGTTA		ATTAGCTAAT	TTAAACAGGG
203251	ACACACACAC	ACACACACAC	ACGAGATTAT		CCACATTTTG
203301	TACATATTGA	GATTATATTA	GCTAATTTAA	AAGAAAGAAT	
203351	CTCTTTACTA	GTCATATATG	TGTGTGTGTA	TATGTACATG	TACATGTACA
203401	TGTACATGTA	CATGTACATG	TACATGTACA	TATACATATA	CATATACATG
203451	CAAGGTTAGA	GGAAAAAGGG	CTGGCTGAAG	AGGGGCTGGG	GGTGGGGTGG
203501	GGAGGCGAAA	AGAGGTGCAG	AGGACCTGAG	GCAGGTCACA	GGCACCCCTG
203551	CCACTCTGCC	ATGGGAGGCT	GTCACCAGCC	CATCCTAGCT	TCCCTCCTTG
203601	AGATGCCCTT	GCCAGCCTCA	GGCTCCTTAC	AGCAGCAAGG	TGCCGAGGTG
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203701	TCATGCCAGG	ATGCCAAACT	CTTCAGCCTG	CCCAATGCCA	GCTTCAGCCC
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203801	CCCCTTCTCT	GTGGAAAATC	CCAGAAGATA	ACGGGCCAGA	GTCAAGAGGA
203851	ATAAGACAGA	AAGTCAGAAC	ATTTAAAGCT	AGAGAGCAGA	GGAGGATGTT
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203951	GTCACGAGGC	GAACCCATCA	TTAGTTTGCT	GCAGCTGCTT	TCTCTGATCT
204001	AGTTTCCATT	CTTAAAGTGG	GACTTTGAAA	TGATATAGGG	AATCTGGAGC
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204101	TGGGTTGTGT	CCTGCCTGTC	CATCCTCACT	CCCAGCCCCG	CCCACCCCGT
204151	TTCATGGCAA	CTACGTAGGT	GTCTGACTGA	CATTTGAGCT	GAACTTGACA
204201	GACTGAAGTT	GGCAGTTGTC	AGAGTCTTGT	AGAAATTAGA	GAACGCTGTG
204251	GGCCAAACAC	TGTAGCCTCT	TTTAAAAGGT	ATACACCCTG	CTTATTTACA
204231	GTATGAATTT	GATGTTGATA	CTTATTCATC	CTAACCAGAT	GTATCGAACG
204351	ATATAATCCG	TTATTTTTAA	AACGTGTTAA	TTTGGTTTTA	TAACACCATT
204401	CTGGTTGTAG	TGTAAGCCAA	GGAGCCAGAT	TTGCCTGAGC	CACAGATCTC
204451	TGTATTGACA	CCCGAGGATT	TCTTTTTTAA	AAAGACTCCT	AAGATTAAAT
204451	ATCAAGCATA	CAGTCAGCAC	AATACAGTCA	GAAGTGGCAA	GGCTGTTGTC
204551	AGTTCCTGTT	GGCATGCTCC	CCTGAACCAC	CGAATTTTAA	CAACACAAAA
204551	GACCACCACC	TCCACCACCA	TCACAAAAGG	AAAACCCAAA	TCCTTGAAAT
			TGAGGTTAAA	AGTATTGTCC	TCATCTTAGA
204651	GGGCAAAAA	TTATTTTTT	ATCTGTTAAG	GAAAAAATTT	CCCATGCTGT
204701	AATAAAGGAA		TGCAGGGTTT	TATAGGGAGA	AGACTAGAAA
204751	CCCATTGTCT	TAGAGCGGAA		CCTTCCTGCC	TCACGCCATC
204801	CCACTGTAGA		TTTCACCAGG	ATTCAACTCA	TTTATTTTGG
204851	TCATTAATCA		TCGTTAAAAC		
204901	AACACTCGAC	TTCAGAAGAT	GCTCACTGTT	TCTTATTACA	
204951	AAACATTTTC	TAGTTTAAGG	AACAAAGCAT	AAACTAAGAC	TTCGCTGGGG
205001	CTGGGGTGGA		GGGGTGGGGG	TGGGGGTGGG	
205051	AGAGACTGGC		AGAGAGCTTG		
205101	CATTTACAGC		ATGCACCAGG		
205151	CATCCTCAGC		TGACTTTTAA		
205201	AAACAAAAAA		TGCTGAAGGA		
205251	TTTAATTTGA		TTAGATGGTC		
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205351	AACGCCCAGG	AATGAGGCCC	CATCCAGCCA		
205401	TTAAGCTGCT		TTTGATGTTA		
205451	TTTTGAAGGA	GCTTATTAGA	TGTGTTGCTT		
205501	TGGTTTACTT		AAATATTTTT		
205551	TTGCCATCAG	TTTTGTTCCT	GTGACACATG		
205601	CTTAGCATAT	' AAGACTGTGT	CTTAGTGACA	GGCATGCTTT	TGTGGTGAAA
205651	GACCCAACTC		ACATGTGGTC	: ACTCATAATC	ATTTGGAAAT
205701	TCACTTGTCA	TTAAAGAATA	CAAAAAAGCA	GCCACAGACT	AGCATTGCTG
205751	GGCTATTTAT	GATTACTGTA	GCAGTTTTGT	GTGACTGGGC	TCCCTTTCCT
205801	AACAGCGAGA			TGCTCGGAGG	GATGTTCCTC

205851	TGATAATTTT	GTTGTATGAG	AGTCTACCTG	CTCAAAGCAG	TTGGACTTTC
205901	GGTTTTAAGC	GGCTCTCTGC	CTGCCGGCTG	CTGTCTGCTG	CTTCCAGCTT
205951	TGCCTGTGGC		AGTAATCCTT	ACAACATTTT	TCTTTGCTTT
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206051	GTTGGAAGAG		TATGAAACTG	TCCTTTGTCT	TTTCCTCCAT
206101	ACTCTATGCA		GAGCGGCTTC	TGGGGAGGTA	ATTTTGTCCG
206151	CCTGAGGGTT		TTCTGTTGTT	CTTATGCGTA	GGCAAAGACA
206201	TGTCTTTTTG		TTTGAAATGT	GTTCCTCCAC	CCAGAGCACC
206251	CAAGCCCAGG	CTAAGCACAG	AATCCTTTTA	TAACTACAGG	TTATGATCTG
206301	ATTCACTAGA	AACAAGGGCC	GGTGTTAAAA	ACAGAGCCTA	AGGATCTTGA
206351	GCCCCTCTGT	AAGGATTACC	AAAAGAAACC	AGTGAAATGT	ATCAAGGAAG AAGGCTCATA
206401	GAAGCTACAG	TCAAAACTGT	ATTTCTTCTT	TAAAATTCTT	GTGTGTGGAA
206451	GGAAGCTTTG	CATCTGATTC	TCAGCTACCA	AAAATAATTT CCCACGGCTG	ACTGCTTTTC
206501	GATGCCTCAG	AAATGGAATA	TACTTAGGCG TAGCTTGAAT	TTAGAGAGTA	CGAGATGATG
206551	AGATGTGTGG	TTATCAGTTG	TAGCTTGAAT	ACTTTCTGAG	ATAGTTATTT
206601	CAGACAGGGT	TCCTGGGGGG		TGCCTTCAAC	CTCTGTGACT
206651	TCTGAGATTC	TGATGAGAAG	CCTGACAGAA TTATTCTGGT	TTCATAGTTT	TGGTCAAGGT
206701	CCCAGGAAAT	GCTGTTAGCT ATAAAACAGA	CATTTTCTTC	TTAGTAAAAA	GGGGACGAGG
206751	AGATTCCAGA	CTAGGCTCGG	AACTAAGGCA	AGTCTTGCGC	TTACCCTACT
206801	CATCCTATTC	CTCGGGTTAT	CAGATTTGCA	AGTCGGAGTT	GGGGAAAGTT
206851	CTGTTGCATT	CTCAAGCAAC	TCAGCCTCCA	GTCCTTGCTA	ATACCAACAA
206901	TCTATCGGGA CCCGAAGGCA	GTTTTCTACC	ACCTGGGAAA	GAAAAAAAA	TCTTTCTAAA
206951	AGATGGCACA	CGGCTTGCTT	TCCTGTGCAC	TTTCAGCAGG	TCTAGAGCTG
207001 207051	CATCTGGCCG	AGTCGGGTAA	TCCAATCTAT	TTTAACGCAA	AGATTTTCCG
207031	AGAAGGCAGG	AAACCAGCAA	GGGGGAAGGC	TTTCAGGCAT	CTGCTGTTTC
207151	GTTTCCAGAT	CCCTTGTGTT	AATTTAATGT	TTCTAGGGAA	CCCGGGGTTT
207201	TTTCTCGGAA	TCTCTTCTCT	AGGAACTGGT	GTGTGCCGCG	ATAAGGCTAA
207251	GACTAAGGGG	GCTGCAGCCG	GAGGCAGCGT	CCCCGCTCCA	GGGTGCAGAC
207301	TTTCCCCGCC	GCCACCGCCA	CCGCCACTGC	CACCGCGAGG	GTGACAGCAC
207351	CCTTCGAAGA		GCCTGTGTGC	AATTAGGAAA	GGCAACCCCG
207401	TGAAGCGATC	GACATGCCCT	CACCCCATCA	AAACCAGGGC	AACTCGACTC
207451	TGTTGAGGAA		TTCCATCCCA	AGCCGGAGTG	AAACGTGAGC
207501	TTTGCACAAA	CACTGGCACT	GCTTCGGGAA	TACCGGGAAA	CTCGCCTTTC
207551	TTCCAGCGGC	CTCCGCAGAG	CTTTGCCCAG	ACAGCAGTAC	TAGCTTGCTG
207601	GGGGTTTTAG	TGTGTGAGAT	GAGTTTTGGT	TCCGTGCTTG	CAGCCAGGTG
207651	TTAGCACTGG	TGTGTGTTGG	GCCCTATCAG	CCCTATGACC	AACAGCCGGC
207701	CTGGCCTCTC	CAGCGTCTCC	TCTCCCGCCA	TGGACCTGAA	
207751	AACCTCGCTT		GTCCTGTAGA		
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207851	CCATGCTGCC	CTGAAAATAG	GGTTGAGAAC	TAAGATGGAG	
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208001	GTGTTGTCCT		CCCCCCCCC		
208051	GCTGTTTCTG		TTGTGATTGC TGTTTCGAAC		
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208201	TTTAATTGGT		CAGTCCAGGC		
208251	TTGTGTTCAC				
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208351	TTATTTTTTT				
208401 208451	AAGGTGTCAG				
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208551	TTTAACAATG				
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208701	ATGGATTAGG				
208751	CGGCATTCC				
208801	ATCTGTTTC				A ACGTGTGGGT
208851	CCAGATCTCT		AAAGGGCCTT		
208901	ATACCCTGA/		TTATATTACA	A ATTCATAGC	A GCTGCAAAAC

208951	TACAGCTATG	AAGTAGCAAT	GAAATAATCT		GGGAGGTCAC
209001	CACAGCATGA	GGAACTGTCT	GAAAGGGTCG		GAGGTTGCGA
209051	GCCACTGTTT	ATAAGGCAAG	CTCTCTATTG	AGAGAGCAAT	CTTCCTGGTC
209101	ATATCTTGAT	CTTTATAGTA	TCCAAAAAAA	AATTATTTTT	CTGTGTAACT
209151	GAGTTAAGTT	GGAATCACTA	AGTAAAGATA	AGTGAGTTTA	AGAAAGTCTT
209201	AAACTGTTTT	CTTTACCCTC	TGTATTAGTT	TTCTATCTTG	CATAACAAGT
209251	TCCCTCCCAG	GTTACTTACT	GGCTTTTAGC	AATACACACT	CTCTTCCACC
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209351	CTGCCCAGGG	CTGGGGCGGG	AGGATGGCTC	CTACGCTGTC	TCTACCCAGG
209401	GCTGGGGCAG	GAGGATGGCT	CCTACGCTGT	CTCTGCCCAG	GGCTGGGGCG
209451	GGAGGATGGC	TCCTACGCTG	TCTCTGCCCA	GGGCTGGGGC	GCGAGGATGG
209501	CTCCTACGCT	GTCTCTGCCC	AGGGCCTCAG	AAGGCAGAGG	CAGCGGCAGG
209551	CCTGGACTCT	TTTATCACTA	GGACTTAATC	CAGTTTGTTG	GTTGAACTTA
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209651	CTGCGGTGGG	GTTCTTCTGA	GGTCTGCTTC	CTTTCATCTG	CACAGCCAGC
209701	AATAGCACTC	GGGAGGAGCC	CGGATCCTGG	CCTCTCTTTC	CGGCTTCCCT
209751	TCCCGCAGAG	CTCACCGGTG	TCTTTAGTCA	GCTGACTTAC	AGTAACCTTA
209801	ATTACACCTG	AGTGGTAGCA	AGTATTGTCC	CTAAGAGTTA	AAGGCTTGAG
209851	TGACAGGGCT	TTTGAAGTAG	AAATGGTTTG	AAGTTTGGGT	ATCAAACCCC
209901	TCTAGACACA	GTTTTTCGAT	GGTGGCAACA	GACAGAATTA	ATTCATCCTT
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210001	AGATAAAATT	TAAAACCCTG	GTGACATCAG	ATATTACCCA	GCCTCCTTCC
210051	TTTTGAGTTT	ATGTAACAAT	AAATATTTTC	CATAATTGTT	TGTCCTGGAA
210101	CCTACCCCCA	TGAGACAGGG	CCTTACCATG	TAGCACAGGC	CTAGCTTAGT
210151	TTCCAGAGCC	TTCCAGAATG	CTCCCTGAGT	GTCACCATAC AATCTTCTCC	AGTCTTTGGT
210201	GTTTCTTAAA	ACTCAACCTC	TGCTTTGTAA TTTACAGTAC	CTAAACACAC	ACATAATAAT
210251	TTTTGATATT	ATAATGGACG	TAAACTCTGA	TTTCAGCCTT	GGAGAATTTT
210301	ACTTGTGAGT	GCTTTTCATG	CTCTAGATTT	CAATTTTCAG	TGAGAAAACC
210351	GAATGTACTA	AACATAACTA	CATTAATGAG	CTTGCAGCTT	CTTGTTTGTA
210401	GGGTCTCCTG AGGCAAATGT	ACTTCCCTGT AAATGCTTTC	TTCATTTCTT	AGAGGTCTGA	GTGCCTCTCA
210451 210501	CATCTTACTA	GGCTTGCTTT	TATATTTTAA	TTTACTGTTT	ATAAAATTGG
210501	ATTACTATTG	CTTTATAAAT	TCTATTTTT	TCTTTCAGAA	AATGGTGTGT
210551	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTATTTTAGG	CAAGCATTTT
210651	ACTGCTGAGT	CAAAAAGTAA	TTAGCTTCAT	AGTCACTTGA	AAACAGGAAA
210701	ATTGGGTTTC	TCTTGAACTT	GTCTTGTTTT	GAAAGAAAGA	CATTTGGTTC
210751	TTTCCTTCTG	CTGAAAAGGT	TAACTATAAA	TTGCAACAAA	AGTCATAAAA
210801	ACATAGTTTT	GGCAGAAGCT	TAAATGGACA	GTCTGACAGA	CTGGAGGCAT
210851	CTGACAGGAT		CTCTCTCTCT	CTCTCTCTCT	CGTGGTGGTT
210901	CTGTTGGAGG	TTTCTCTGAC	GATTCTCTGA	GAACAGGAAG	CAAGACTTGA
210951	TTTTTTTTT	GTTTTGTTTT	TTTTGTTTT	TTGCTTTTGG	CTTTCTGTTT
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211051	TGTATACTTA	AACAAAACAA	AACAAAACAA		ACTTTTCAGC
211101	CCAAGAACTT	ATGGTATTCC	AGAGTTTATT		ATACTTGATA
211151	TTAAGGATAT				
211201	GATTTTCAAT		TTCAAAGAAG		
211251	GACTTCAATT				
211301	CCTGTCTGTG				
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211501	GCCTCTATAA				
211551	ACACACACAC				
211601	GGTCAGGTTT				
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211701	CTGGGAGTTC				
211751	GTAGGAAAA				
211801	CTTTGTGATA				
211851	ATGTACAAG1				
211901	TTATTTATTT CTGTCCTGG				
211951 212001	CCTTTGCCTG				
71700I	CCTTIGCCIC	. AGGICCIGAC	, INCLINIALI		

212051	ACAGCAACCT	CTTGTATTTA	TATATTTAGG	GGCATATGTG	TACACATACA
212101	CAAACACACA	CCACTACCAC	CACCACCAAC	AGCAACAATT	AAGGAAAAAG
212151	AAGCCATGAA	TTTGAAAGTG	AGCAAGGTAG	GGGGATACAT	AAGACAAGGT
212201	TTGGGGGGAG	GAGAGGGAAT	GGAGGGAATC	ATGTAACTTT	TAATAAGCTC
212251	AAAAAAGAAT	AAACAAATTA	TTAAAAGCCC	ATGATTCCCA	CCCAGGAAAC
212301	CATTGCTCTT	TTGCAGTAGT	TCAGTGGGAG	TGAAAGGCCT	TCCAGTAACC
212351	ACTAGGCTGG	TGCTGGTTGG	AGTGTGGGTA	CGGGAGCCAT	GGTCTGGGGA
212401	GTGTTGAGGG	AACATGGGAG	AGCACAGGGC	AGGATCAGGG	ATTGACTTTC
212451	CGTCTCCCTT	TATTTCTTCC	CTGCTTCTCC	TCTCCATTCT	CTATTTGTGG
212501	GATGTCAGGC	GGTTTGCTGA	AGTTGGAGAC	TGGAAAGAGG	GGTGTGTGTG
212551	TGTGTGTGTG	TGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAC	AGAGAGAGAC
212601	AGAGAGAGAC	AGAGAGAGAG	AGAGAGAGAG	AGAGCATGCA	CACTCATGTG
212651	CACAAATGCA	CTTGTGTGTA	CTTCCCGGGA	TACTTGAGAA	GACTGAATGT
212701	GTTTCAGTGA	GCATCAGTGT	GGAGGAACTA	TTTAGTCCAC	AGCAGTGCTC
212751	TTCCTCATTG	AGCCCACCCA	CAGCTCTTTT	CTCAGCCTCC	TGGTACTGTG
212801	AGAGAGTCAG	GGATTAGGGC	CAGAGCAGAG	CTGCAGTGTA	GCGGAGGTTG
212851	ATAGGTCGTT	GATAGGTTTG	TCCGAAGGAG	AAGGTCCTCA	GACAGTGAGG
212901	AGAGCGACAG	CTGTGCTGTG	GGGGAATGGA	AGTGGAGGTT	GTCGTATCTC
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213001	ACGTTTCTAA	AAGAAATAAT	CATCTCCGAT	CTCTTCTGCA	TTTGGATGAA
213051	ACAAGATGTT	TTGGGGACTT	AACCTGAAAT	GGTTGTCACC	ATGAAGGCTG
213101	ATGTAGGGTC	TGGTAAGAAT	AAGTCTACGA	GAAACCACTA	AAAGTTGCAA
213151	AGAGATTTCC	CAATTTTATC	ATGGGTCCTG	TTTGTTGGAG	GCATGCTGGA
213201	TATTTATATG	AACTCCACAA	ATTCTCTCAA	TAACATTAAG	TGCTTAATAC
213251	GTGCTAGTCG	ACCATCTGGG	GATATGATGG	TTAATGGCAT	AGACAAGATC
213301	CTGTTGTCAT	GGAAACATTG	GAGAGTAGTT	TGTTCGAAAA	ATAACAAGAT
213351	CAGGAAGGGT	GGGTGGGTGA	GGGCTCCTTG	ATATGGGTGG	TTGGAAATGT
213401	GTCTGAGGAG	GTGACAACGA	GGCTGGCTCT	ATCTAAAGAA	GAGCAGGGGT
213451	TAGCCATGAA	AGGCCAGCAA	GGCCAAAGGA	TTAGGAGCAA	CCTGGTGCGT
213501	CCTGGGACCT	GTTAGTCATG	TTGCTGGAAC	TTCGTGAGTA	GGCGGGAGAA
213551	GGCCAGGACA		GCTTTGCCAG	CCCTGGACAG	GAGTGTGGGT
213601	TTTATTCCCG	GAACATGAAG	CTCCTAAGGT	TTTTTTCATC	TGGGGAGAAA
213651	GGCAATTTGC	ATGAGTCTAC	TTTGCCTCTC	CAGCGGATTC	CTGCAGTGTT
213701	TTGTTTTGTT	TTAACCTTGC	AGGGTGCAAG	GTTAGTCCAG	TGACACATTT
213751	GCTTTTAACT	CAAATACAAA	CAATTTGAAG	TCACTGTTCC	TCTTTTTATT
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213851	ACCGGTCAAA		GCAGTCATCT	CTGTAGCACC	CATCAGCTTT
213901	CCTGTTCTCT	TTGTTTGGGC	TTTCTACTTT	CTGCTTTCCT	TTGCTGTTAC
213951	AGACTTCTGC	CTTCTAACAC	CTGCTGCCCA	CTTCAGTGAG	CATTCCCCTT
214001	CACGCCTTTA		CTCCTCCCAC	TCTTGGGACC	ATGATACTCT
214051	CTGATGTACA		GGCCTCTGGG	GGCATTCTTT	CTTGGATGCA
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214201	GGAGCACAGA				CATCGTATCT
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	TGTTCTTTGC				
214951 215001	CACTCACTGT				
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215051	GGAAAATTTA				
71210I	GGWWWWI,I,I,I	, CIGAAAICCE	. IIIICCIIM		

215151 GAGCTTTAT CTGTATTT CACGGTTTT AGGGTTTT TGGAAGTATT 215251 GCTGAAAAACA GAATTGTCA GAGCACTCA CGACAGAGTT TTCTCATTAT 215301 GTTTACCCCC GCCTCCCCCT AGCCAGCAG CTTCTCTGTTTTTTTCTGTCC 215351 TGCCTTCATC GGACTACCCA AGCACAG GCTATTGTTTTTTTCTGTCC 215351 TGCCTTCATC GGACTACAAA GAGACAG GCTATTGTTTTTTTTCTGTCC 215451 CTTAATAAAA GAAAATAGA AAAATAAAA AAGCAATAA TACAGTTTCT 215401 CTTAGTATAT AGGTTTTGT TCTGGAAAG AAAACTAAAA AAAGCAATAA AAACCACCCC CACGCTCGTC TCTTTTTTTTT TCTGGAAAG CACCCCCCC CACCCAGAAA AAAACTAAAAA AAAGCAATAA AAACCACCGC CACCCCCCACAA AAACAAAAAAAAA						
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215-351 TGCCTTCATG GCTACTGANA GAGATCCCAG CCTCCCAAAA TACAGTTTCT 215-451 CTGATCATTT GGGGGGGANA AAAACTANAAT GGCTTACTTT ATCAGGTTTCT 215-451 CTTAATANAA AAAAATAGGA AAATAAATAA AAACCAATAA ATACAGGG 215-551 CAGCTCTCCT TCTTTTTTT TCTGGAAAGT CCGCCCTCTCC CCAGCTCGTC 215-551 CAGCTCTCCT TCTTTTTTT TCTGGAAAGT CAGGCTCTCT AGATACAGGT 215-551 CAGCTCTCCT TCTTTTTTT TCTGGAAAGT CAGGCTCTCT AGATACAGGT 215-561 AGTTAGGCGA ACCTGATTAA AGCTATTAA CAGGTCCTCT AGATACAGGT 215-561 TCTGGGACA ACTGATTAA AGCTATTAC CCTTTTTGAACTTTT CTTGCCAGAA 215-701 AGCTCCACCA GTGTTGGGGG GCTGTCTCCC CAGCTGCCTC TGTAAAAGAA 215-701 TGGCGAGGAG AGGAGGAGGA AGAAAAGGGG GGGGGACATC CCAGGGAACA 215-701 TCAGGCAGAG AGGAGGAGGA AGAAAAGGGG GGGGGACATC CCAGGGAACA 215-701 TCAGGTGAGG GAGAGGAGGA AGAAAAGGGG GGGGGACATC CAGGGACACA 215-701 TCAGCTGAGG GAAAAGAAGA GAAGACAGGA GAAAAGAAGA GAGGCAGCACTTAC 215-701 TCAGCTGAGG GAAAAGAAGA GAAGTCTCCCC ACCTCTCTCCT AGATACACACACACACACACACACACACACACACACACAC			GGCCTGCCCT	AGCCAGACAG	GCTATTGTTT	TTTTCTGTGC
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215501 CARCTORCT TCCTTTTTTTT TCTGGAAACT CAGGCTCCTC AGATACAGGT 215501 ACGCTCAGCT TCCTTTTTTTTT TCTGGAAACT CAGGCTCCTC AGATACAGGT 215601 TCTGGATAA GTGAGCTTAG TCTAACTTT CCTTTGTTGA TTTTGAAAGT 215701 AGTTAGGCAC ACCTGATTAA AGCGTCTCTC TCTTTCTGAAACT 215701 AGCTCCAGCA GTGTTGGGC GCTGCTCC CAGCTGCCTC GTTCTCCAGA 215701 TCAGGGAGAC GAGGAGGAGG GAGAAAAGGG GGGGGAGATG CCAGGGAACA 215801 TCAGGCACTG GAGGAGGAGG AGAAAAGGG GGGGGAGATG CAGGCACTT 215801 TCAGGCACTG GAGGAGGAGA TTGTCCTCCT ATGTAGACGA CACTGATGG 215901 CCTGTAAGGA GAAAAAGAA CAGAGCAGTC TCTTGGCTGT CAGAGGCCA 215951 GCCTGCATTG GAGACAATCA CAGGGCAGCG GTTAGACCG AGCTGATGG 216001 GTACATTAAT GATTGGATT CATACCCCAC CGGTTTTTG TAAGACTGA 216001 AGTTATTAG TTCCTCCCTG GCTACTGGG TTGAGCAGG ACCCCACCACACATACACACACACACACACACACACACA					AAAGCAATAA	ATACACAGGG
215551 CAGCTCTGCT TCTTTTTTT TCTGGAAAGT CAGGTCCTC AGATACAGGT TTTTGAAAGT TTTTGAAAGT TTTTGAAAGT TTTTGAAAGT TTTTGAAAGT TTTTGAAAGT TTTGAAAGT AGCTCCAGCA GTTTGGGC GCTGTCTCTC TTTTAGCCCA GTTCAGAAGT TGGCGAGGAG GAGGAGGAG GCTGTCTCTCC CAGCTGCTCT TGTAAAGAA AGCTCCAGCA GTTTGGGC GCTGTCTCTCC CAGCTGCTC TGTAAAGAA AGCTCCAGCA GTTGTGGGC GCTGTCTCTCCC TTTAAAAGAA TCGCGAGGAGGAG GAGGAGGAGG GAGGAGAAAAGGGG GGGGAGGT CAGAGGAGCA CAGCTGCTCT CAGAGGACA TCGGCAGTT TCGGCAGATT GAGGAGGAAT GAGAAAAGGG GAGGAGAGA GAGAAAAGGG GCCAGATTG GAGACAAATCA CAGGGCAGGC GTTAGACGAA CAGCTGATTG GACAAAATCA CAGGCAGGC GTTAGACGAG GAGCAGTGG GCCAGAATTAT GAGTGGAGT TCTCCTCC GTTAGAGA GAACTCACAG GAACAATCA CAGGCAGGC GTTAGACCAC GCCGACTTA AGCCAGAAAA CCAAAAATCA CAGGCAGGC GTTAGACCAC AGCTCACTTCTCTCTC CAAAAGGTG ATTCCTCCTC GCTACTGGT TCACTCACGT AGCCAGAAAA CCAAGAAAAC CAACAACAACA AACACACAC				ATACCCATGA	GCCTCCTCTC	CCAGCTCGTC
TTCTGGATAA GTGAGCTTAG TGTAACTTTT CCTTTGTTGA TTTTGAAAGT 215651 AGTTAGGCAC ACCTGATTAA AGCTGCTCTC TTTTAGCCAC GTTCTCAGAA AGCTCCAGCA GTGTTGGGC GCTGTCTGCC TTTTAGCCAC GTTCTCAGAA AGCTCCAGCA GTGTTGGGC GCTGTCTGCC CTTTGCCCAGAA AGCTCCAGCA GTGTTGGGC GCTGCTCTC TGTAAAAGAA CAGCAGCATT TGGGGAGGAG GAGAGGAGGAGG GAGAAAAGGG GGGGGAGATG CCAGGGAACA 15881 TGCAGCATT GAGGTGCTA TTGTCGTCCT ATGTATGGCA CAGTGATGGG 215991 CCTGTAGGAG GAAAAAGAAG GAGTTGTGG TAGGGAAGCA GCCGGACTTA 215951 GCCTGCATTG GAGACAATCA CAGGCCAGGC GTTAGACCGC ACCTGATTGAG 216051 AGTTTATTAG TTCTCTCCTC GCTACTGGCT TAGGAACGC ACCGCACTTA AGCTCAAAAACAAA CAAAAATATT ATTGCATTCAT AAACTAGTCA 216151 AGCCAGAAAA CCAAAATATT TACAATTTA AAACTAGTCA CACCCCACCTAC 216151 AGCCAGAAAA CCAAAATATA TATCCACACA ACCACACAA CAACAACAA AAACCCCACC ACTATCTCTC 216301 ATTGCACTAA CAAGAAAACAA CAACAACAA AAACCCCACC ACTATCTCTC 216401 ATCCAGAAAA AAAACAAACAA CAACAACAA AAACCCCACC ACATATCTCTC AAAAAAAAAA				TCTGGAAAGT	CAGGCTCCTC	AGATACAGGT
215501 AGTTAGGCAC ACCTGATTAA AGCGTGCTG TTTTAGCCCA GTTCTCAGAA 215701 TGGCGAGGG GAGGAGGAG AGAAAAGGG GGGGAGATG CCAGGGGCCCA 215801 TGGAGCAATT GAGGTGCGCA TTTCTCTCCT TGTAAAAGAA 215801 TGGAGCAATT GAGGGGGGTG TGGACGATTC CTCTGCTCT TGAGAGGCCA 215801 TGGAGCAATT GAGGTGGCA TTTCTCTCCT TTTAAAGGAC 215901 CCTGTAGGAG GAAAGAAGAG GAAGTGTGG TAGGGAAGCA CCGGGATTA 215901 GCCTGCATTG GAGGACAATCA CAGGGCAGGC GTTAGACGAG GAACTCACG 216001 GTACATTAAT GATTGGAGTT CATACCCCAC CGTTTTTCC TAAAGGACTCA 216001 GTACATTAAT GATTGGAGTT CATACCCCAC CGGTTTTTCC TAAAGGACTCA 216001 AGCGAGAAAA CCAAGATATT TTGAGATTAA AACCTGTGCA GACTCACTT 216101 CAAAAGGTGC ATTGACTGTT ATTACAATTA AAACTTAGTCA 216201 TGAGCTGAGA TATCCCACC TGGTGCA GACTCACTT 216201 TGAGCTGAGA TATCCCACCAC TGGTGCA GACTCACTT 216201 TGAGCTGAGA TATCCCACCAC TGGGGGGGGT TTTAGAAACAC 216201 TAGACTCAGA TATCCCACCAC TGGGGGGGGT TTTAGAAACAC TAACACACA AACACCCAC ACATATCTCC AAACAACAAC AACAACAACA CAACAACAAC AACAACACAA AACAACACAC AACAACAACAACAACAAC					CCTTTGTTGA	TTTTGAAAGT
215751 TOGCCAGCA GRETTEGGGG GCTGTCTGCC CASCTGCCTC TGTAAAAGACA 215801 TCGGCAGGAG GAGGAGGAG AGAAAAGGG GGGGGAGTG CAGGGACA 215801 TCACTGTCTG GGAGGAGGAG AGAAAAGGGG GGGGAGTG CAGGGACA 215801 TCACTGTCTG GGAGGGGTC TTGTCCTCCT TGTATTGGGA CAGTGCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA				AGCGTGCTCG	TTTTAGCCCA	GTTCTCAGAA
TCGCCACGAG GAGGAGGAGG AGAAAAGGGG GGGGAGATG CAGGGGACA 215881 TCGAGTATTC GGAGGGTGC TGGACGATTC CTCTGGCTGCT CAGAGGCCA 15881 TGGAGCAATT GAGGTGGCTA TTGTCGTCCT ATGTATGGA CAGTGGGAGGCA 15991 CCTGTAGGAG GAAAGAAGAG GAAGTGTGGG TAGGGAAGCA GCCGGACTTA 216901 GCCTGCATTG GAGCAATCA CAGGGCAGGC GTTGAGCCGG AGCTTCACG GTACATTAAT GATTGGAGTT CATACCCAC CCGTTTTTGC TAGGACTACA 216051 AGTTTATTAG TTCTCTCCTG GCTACTGGT TGACTGTGGC AGACTCACTT CAAAAGGTC ATTGACTGTT ATTACAATTA AAACTAGTCA CCACCCAC 216101 TGAGCTGAGA TATCCCATC TTTACTGGGAT GAGTCTACTG TGAGGAGAAA CCAAGATATT TTGAGATTAA AAACTAGTCA CACCCACC AGCCACACA 216251 ATTTCTCAAA CAGATAACC TGGGGGTGGT TTTTAGAAACT TGCTTTAGCTA 216351 AAACCCCACC ACATATCTCC AAATCAATAA CTAAATATT TATCAATTA 216351 AAACCCCACC ACATATCTCC AAATCAATAA CTAAATATT TATCAATTA 216401 ATGGGAGAAA AAACCACA AAACCAAC AACAACAACAA CAACAACAACAA AACACACAACAACAA				GCTGTCTGCC		TGTAAAAGAA
15881 TGGAGCANT GAGGGGGTGC TGGACGATTC CTCTGGCTGT CAGAGGGCGA 15991 CCTGTAGGAG GAAAGAAGA GAGTGTGG TAGGAGAGCA 16001 GTGCATTATA GATTGGGATCA CAGGGCAGGC GTTAGACCGG AGACTTCACG 16001 GTACATTATA GATTGGGATT CATACCCCAC CCGTTATTTC TAAGGACTGA 16101 CAAAAGGTGC ATTGCACCAC CCGTTATTTTC TAAGGACTGA 16101 CAAAAGGTGC ATTGCACCAC CCGTTATTTTG TAAGGACTGA 16101 CAAAAGGTGC ATTGCACCAC CCGTTATTTGC TAAGGACCACTA 161610 CAAAAGGTGC ATTGCACCAC CCTACTACCCCAC CCGACCACT 16151 AGGCAGAAAA CCAAGATATT TTGAGAATTAA AACTAGTCA CACCCCCC 16151 AGGCAGAAAA CCAAGATATT TTGAGAATTAA AACTAGTCA CACCCCACC 16151 ATTCCTCAA CAGATAACC TACATGATA AGGCTCAACT 16261 ATTCCTCAA CAGATAACC TACATGAT TTTTAGAAACT ATTCCATTAC 16301 ATGGGAAGAA AACAACAAC AACAACAAC ACAACAACA 16451 AACCCCACC ACTACAGCT TTGGGATGAAACT ACACAACAA 16451 CCTTATAGGC CACTACAGCT TTGGGTAAAA TGACCTTCC 16551 CAGATGACA ACAACACAC ACAACACAC 16661 ATTTTCTCCA CACTACAGCT TTGGGTAAAA TGACCTTCC 16651 CAAGCCAGC GCTACAGGC TTGTGGTAAAA TGACCTTCC 16651 CAAGCCAGG GTCCCTAGA CACTAGAGC TACTTTCTT 16601 ATTTTTCCA CCTTACAGC TTTTAGTAGA GACTACACC 16661 CAAGCCAGC GTCCCTAGA CACTAGAGC TTTTTCTT 16601 AGATTAGCA CATTACCTCC CAGTTAGAT GACCTTTC TTTTTTCTCT 16701 CAGGAAAGAA AACACACAC ACACAACACA 16601 ATTTTCTCCA GCTTGATCTG CCAGTTAGAT GACCTATAC GCAAAGACCT 16601 ACATTCACA ACACTACAGCG GTTTTTCCTT TTTTTTCTT 16601 AGATTAGAAA ATACTCCGC ACTTTAGAT GACCTTTCT TTTTTTCTT 16601 AGATTGAAA ATACTCCGG GAACTCAGGG GTAAGAAAC ACACACACA 16601 ACACTGAGG GTTCTCTCT TGGGATCTGC TTTCTTTTCT					GGGGGAGATG	CCAGGGAACA
15851 TGGACCART GAGGTGGCTA TTGTCGTCCT ATGTATGGGA CAGTGATGGG 15951 GCCTGCATTG GAGACAGAGA GARGAGAGG GTAGGAGAGA GACGGACTTA 16001 GTACATTAAT GATTGGAGTT CATACCCAC CCCTTTTTGC TAAGGACTAGA 16051 CAAAAGGTC ATTGGAGTT CATACCCAC CCCTTTTTTGC TAAGGACTAGA 16101 CAAAAAGGTC ATTGCATT ATTACAATTA AAACTAGTCA CCACCCACC 16151 TGAGCTGAAA CCAAGATAT TTGAGATTAA AACTAGTCA CCACCCACCCAC 16151 TGAGCTGAGA TATCCCATCA TTACTGGGAT GAGACTCACT TAGAGACTAA 16201 TGAGCTGAGA TATCCCATCA TTACTGGGAT GAGACCCAC TCATTACTG 16211 TGAGCTGAGA TATCCCATCA TTACTGGGAT GAGACCCCAC TCATTACTG 16301 ATGGGAAAA CAACAACAAC AACAACAACA CAACAACAA AAACCACAACA				TGGACGATTC	CTCTGGCTGT	CAGAGGGCCA
215951 CCTGTAGGAG GAAGAARCA 215951 GCCTGCATTG GAGACAATCA 216051 GTACATTAAT GATTGGAGTT 216051 AGTTTATTAG TCTCTCCTC 216151 AGGCAGGCG AGACTTCACGG 216151 AGGCAGAACA CCAAGATATT ATTCACTCTCT 216151 AGGCAGAACA CCAAGATATT TTAGAGATTA AGCCTACATG 216201 TGAGCTGAGA ATTCCCATCA ATTCCCATC 216201 TGAGCTGAGA ATTCCCATCA TTACTGGATT 116301 ATGGGAAGAA AACAACAAC AACAACAACA AACAACAACA AACAAC					ATGTATGGGA	CAGTGATGGG
215951 GCCTGCATTG GAGACAATCA CAGGGCAGGC GTTAGACCGA AGACTTCACG 216011 GTACATTAAT GATTGAGTT CATACCCCAC CCGTTTTTGC TAAGGACTGA 216011 CAAAAGGTGC ATTGACTGTT ATTACAATTA AAACTAGTCA CAGCCCACC 216151 AGGCCAGAAA CAACAACAAC ATTACAATTA AAACTAGTCA CCACCCCACC						GCCGGACTTA
216051 AGTTATTAG ATTGGAGTT CATACCCCAC CCGTTTTTGC TAAGGACTGA 216051 AGTTATTAG TTCTCCTC GCTACTGGTG TGACTGTGC AGACTCACTT 216151 AGGCAGAAAA CCAAGATATT TTGAGATTAA AACTTAGTCA CCACCCCACC						AGACTTCACG
216051 AGATTATTAG TTCTCTCCTG GCTACTGGTG TGACTGTGC AGACTCACTT 216101 CAAAAGGTGC ATTGACTGTT ATTACAATTA AACTAGTCA CCACCCCACC					CCGTTTTTGC	TAAGGACTGA
216101 2AAAAGGTGC ATTGACTGTT ATTACAATTA AAACTAGTCA CCACCCCACC					TGACTGTGGC	AGACTCACTT
216151 AGGCAGAAAA CCAAGATATT TTGAGATTAA AGTCTACATG TGCTTAGCAG 216201 TGAGCTGAGA TATCCCATCA TTACTGGAT TATTGAGAGT TATTGATAGTGAT ATTTTCTCAAA CAGATACCC TGGGGGTGGT TTTTAGAAACT TATCGATTTT 216301 ATGGGAAGAA AAACAACAA CAACAACAA CAACAACAA ACAACAA						
TGAGCTGAGA TATCCCATCA TTACTGGGAT GAGATCCCCA TCATTACTGT 16251 ATTTCTCAAA CAGATAACCC TGGGGGTGGT TTTAGAAACT TATCGATTT 216251 ATTTCTCAAA CAGATAACCC TGGGGGTGGT TTTAGAAACT TATCGATTTT 216351 AACCCCACC ACATATCTCC AAATCAACAA CACAACAACA CAACAACACA 216351 AACCCCACC ACATATCTCC AAATCAATAA CTAAATATTT CATATGGACT 216451 CCTTATAGGC CACTACAGCT TTGGGTAAAA TGAGCTTGTC 216501 AGAGTAGTAA ATGCAGTGGG TGTTTTCACA GATGGCATTT TCAGATGCAT 216551 CTGATTTGCT GCAAGCCTAA TTTATAGGAG TATTTGGCA TTTATTTTTCTG 216601 ATTTCTCGA GCTTGATCTG CCAGCTTAGAT GGACTCATTC 216651 CAAGCCAGCG GTGCCCTAGA CAGCTTTGAT CCTTTTTTTTTT						
ATTTCTCAAA CAGATAACCC 16301 ATGGGAAGAA AAACAACAC AACAACAAC AACAACAACAA AACCCCACC ACATATCTCC AACACACACAA CAACAACACAC AACACACACAACAACAACAACAACAACA						TCATTACTGT
ATGGGAAGAA AAACAACAA AACAACAA ACAACAACA CAACAACA						TATCGATTTT
AAACCCACC ACATATCTCC AAATCAATAA CTAAATATTT CTCATAGGAC 216401 ATCAAGAAAT AGAAATTAAC TCATTTCTGT TATTTAAATT ATTAGTGGCT 216501 AGAGTATAA ATGCAGTGG TGTTTTCACA GATGGCTTGT TCTGTAGTCA 216501 AGAGTATTTCTC GCAGAGCCTAA TTTATTTAAGTGGCT TCGATAGCA 216501 ATTTTCTCACA GATGGCATTT TCGACATGCT 216501 ATTTTCTCACA GATGGCATTT TCGACATGCT 216601 ATTTTCTCACA GATGGCATTT TCGACATGCT 216601 CAAGCCAGCG GTGCCCTAGA CAGCTTTGAT CCTTATTTTAGT 216601 CAGGAAAGGA AAAGCATGGG ACCTTGATT CCAGATCATC 216701 CAGGAAAGGA AAAGCATGGG ACCTTGAGT GGACTCATAC GCAAAGACCT 216801 AGATTCACA AGGTTTCCAG GAACTCAGG GCTAAGAAAT ATCCAAATTC 216801 AGATTCAAA ATATCTCGCC ATTTAATTTT GTGGCTCTG TTCTTCTGAG 216801 AGATTCAAA ATATCTCGCC ATTTAATTTT GTGAGTCT TTCTTCTGAG 216801 AGACTCTTT AAGTTTCAG GACCAGAAA ATAGCACATGC ATTTAATTTT GTGAGTGT AGATGTTT 216901 AGAGTGAAA AAAACCACA CATTAAATTC GTTGAGAAA ATCCAAATTC 216901 AGAGTGGAAA AAAACCACA CAGCACAAA ATAGAGAAAG GTATTGTTT 217001 AGAGTGGAAA AAAACCACA CAGTAAATAA CTTTGAATAT ATCTTGCTT 217001 AGAGTGAAA AAAACCACA CAGTAAATAA CAGTTTAAA ATCTTGCTT 217010 ACATAGAATA AAAACCACA CAGTAAATAA CAGTACAAA ATCTTGCTT 217101 ATCTGTTAC AATTACAGCA AAGTTACACA ATGTTAAAA AGAAAAAAAAAA						CAACAACAAA
216401 ATCAAGAAAT AGAAATTAAC TCATTTCTGT TATTTAAATT ATTAGTGGCT 216501 AGAGTAGTAA ATGCAGTGGG TGTTTTCACA GATGGCATTTT TCAGATTAGA TGAGCTTGTC TCTGTAGTCA AGAGTAGTAA ATGCAGTGGG TGTTTTCACA GATGGCATTTT TGCACATGCT CTGATTTGCT GCAAGCCTAA TTTATAGAGA GATGGCATTTTTTTTAG GCAAGACCT CCAGTTAGAT GCAAGACCT CCAGTTAGAT GCAAGACCT CCAGTTAGAT GCAAGACCT CCAGTTAGAT GCAAGACCT ATTTTTTCTGT CAGAGAAGAGA						
216451 CCTTATAGGC CACTACAGCT TTGGGTAAAA TGAGCTTGCT TCTGTAGTCA 216501 AGAGTAGTAA ATGCAGTGGG TGTTTTCACA GATGGCATTT TGCACATGCT TGATTTGCT CCAGAGCCTAA TTTATAGGAG TATTTGCCA TTGATATTTAG CTGATTTGCT CAGAGCAGC GTGCCCTAGA CAGCTTAGAT GGACTCATAC GCAAAGACCT CAGGAAAGGA AAAGCATGGG ACTTGGATC CCAGTTAGAT GGACTCATAC GCAAAGACCT AGGAAAGGA AAAGCATGGG ACCTTGGAG TGGACTCATAC ACCAAATTC AGGAAAAGA AAACCATGG ACCTTGGAG TGGACTCATAC ATCCAAATTC AGGAAAAGA AAACCACG AGGTTTGAT TTGTGTTTTTTTTCTTT TTTTTCCTGA AGATTAGGTGC TGTTGCTCTT TGTGATTCTT TTGTGATCT ATCCAAATTC AGGATCATC ATCCAAATTC TTGTGATCT AGATTCAGA ACATCAGG GCAAAGAAA ATCTTCCGA AGATTCAGG GCCAAAGAAA ATCTTCCGA ATTTAAATTTT TTTTTCCGA AGATTGGTG CTAGTTACAA ATATCTCGG ACCTCAAAAAAAAAA						
216501 AGAGTAGTAA ATGCAGTGGG TGTTTCACA GATGGCATTTT TGCACATGCT CTGATTTGCT GCAAGCCTAA TTTATAGGAG TATTTGGCCA TTTATTTTAG GCAAGCCTAGA ATTTCTGCA GCTTGATCTG CCAGTTAGAT GCAACTATAC GCAAAGACCT CAAGCCAGCG GTGCCCTAGA CAGCTTTGAT CCTTTTTCTT TTTTTCCTG AGATAGGAGA AAAGCATGGG ACCTTGGAT CAGCTAGAT ATCCAAATTC AGATAGGTG AGATCCTCAG AGATCCTCAGA CAGCTTTGAT TTTTTTCCTG AGATAGGTG AGATCCTCAG AGATCCTCAG AGATCCTAGT TTTTTCCTG AGATCGTC ATCCAAATTC AGATCAGTC ATCCAAATTC AGATCAGTC ATCCAAATTC AGATCAGTC ATCCAAATTC AGATCAGTC ATCCAAATTC AGATCAGTC ATCCAAATTC ACCAGAAGACCT AGACCTCAGG GCTAAGAAAT ATCTTACCGA AGATCTTTAAAA ATATCTCGCA ATTTAATTTT GTGTGAGTGT AGAGTGTTTT AGATCAGTC ATTTTTGAG GACCACAAA ATAGAGAAG GTATTGTTTT ACGACAGCAAA ATAGAGAAG GTATTGTTTT ACGACAGCAAA ATAGAGAAG GTATTGTTTT ATCTGACAAATAA ACATTACACAA AGAGTAATAA CCGTTGATAAAA AGAACCACAG GGCAAAGGAA ATAGTTAAAAA AGAAGTGTTA ATCTTTACCAA ATTTACAGAAAA AGAGAAAAAAT ATCTTGCCTT AATTACACAA AGAGTAATAAA AGAAGTTGTA ATCTTTACAAAAAAAAAA						
216551 CTGATTTGCT GCAAGCCTAA 216601 ATTTTCTGCA GCTTGATCTG 216651 CAAGCCAGCG GTGCCCTAGA CAGCTTTGAT 216651 CAAGCCAGCG GTGCCCTAGA CAGCTTTGAT CCTTTTTCTTT TTTTTTCTGG 216701 CAGGAAAGGA AAAGCATGGG ACCTTGGT TGTGATTCTG 216751 AGATAGGTGC TGTTGTCTGT TGTGATTCTG TTGGGCTCTG TTCTTCTAGAG 216801 AGATCCTCAG AGGTTTCCAG CAACTCAGGG GCTAAGAAAT ATCTTACCGA 216851 GAATTTGAAA ATATCTCGC ATTTAATTTT GTGTGATTCT 216901 ATGACTCTTT AAGTTTTGAG GACCACAAA ATGAGAAAT ATCTTACCGA 217001 AGAATGGGAA AAAACCACAG CAGTAAAAT CGTTGATATA ATCTTGTTT 217051 GAAGGTAGGG GGAACACGGG GGGCAAGAAAAT ATCTTGGCTT 217101 ATCTGTTACC AATTACAGCA AAGTTACTAC ATCTAATAAA AGAAGTGTACC 217101 ATCTGTTACC AATTACAGCA AAGTTACTAC ATCTATAAAA AGAAGTTGTA 217151 CATATGAATA AGAATAGGAT GCTCTCTAAA AGAGAAAAAAAAAA						
216601 ATTTTCTGCA GCTTGATCTG CCAGTTAGAT GGACTCATAC GCAAGACCT 216701 CAGGAAAGGA AAAGCATGGG ACCTTGGATG TGTTTTCTT TTTTTCTCTG AGAAAGGA CAGCTTGAT CCTTTTTCTT TTTTTTCTCTG AGAAAGGA AAAGCATGGG ACCTTGGAGG TGGATCAGTC ATCCAAATTC AGATAGGTGC TGTTGTCTCT TGTGATTCTT TTTGTCTGAG AGATAGGTGC TGTTGTCTCT TGTGATTCTT TTTGTCTTGAG AGATAGGTGC TGTTTCTCAG GAACTCAGGG GCTAAGAAAT ATCTTACCGA AGATTTGAAA ATATCTCGGC ATTTAATTTT GTGAGTGT AGAGTGTTTT AAGTTTTGAG GACCAGCAAA ATAGAGAAAT ATCTTGGCT AGAGTGTTTT AAGTTTGAG GACCAGCAAA ATAGAGAAGG GTATTGTTT AAGTTTACAA ATATCTCGGC ATTTAATTTT GTGAGTGT AGAGTGTTTT AAGTTTACAA ATTTTGAGA ACATGGAGG GGAACACGG GGCAAGGGA ACAGCACAAA ATCTTGGCTT AAGTTATAA ATCTTGGCTT TTTATTGCACA TGATGTAAAC ATCTTGTTTACA AATTACAGCA AAGTTACTAC ATTGATATA ATCTTGGCTT AAGTTACAC AAGAGAAAAAT AGAATAGGAT GCTCTGCTAA ATCTTCCTG ACGATTTGC ACGATTTGC ACGATTTTCC TAGGTACTTG ATGAGGAGAA ATTCTTCCTG ACGATTTGC ACGATTTTCC TAGGTACTTG AGAACAGGT AGAGAACAC AGGAACACGC CCCAAAAGCCT ACCACTACACA AGGAACACC CCCAAAAGCCT ACCACTTCAG CCCTTCAGTC CCCACACCC CCCAACACGC AAGCCC CCCACACAC AAGCCCT ACCACTTCCT ACCACTTCCT ACCACTTCTC AACCACGC AAGCACCAGA AAGCACCAGA AAGCACCAGA AACCAGACA AACCACACACA						TTTATTTTAG
216651 CAAGCCAGCG GTGCCCTAGA CAGCTTTGAT CCTTTTCTT TTTTTCCTG 216701 CAGGAAAGGA AAAGCATGGA ACCTTGGAG TGGATCAGTC ATCCAAATTC 216751 AGATAGGTGC TGTTGTCTTGT TGTGATTCTT TTGTGTCTTGAG 216801 AGATCCTCAG AGGTTTCCAG GAACTCAGGG GCTAAGAAAT ATCTTACCGA 216851 GAATTTGAAA ATATCTCGGC ATTTAATTTT GTGTGATGTGT AGAGTGTTTT 216901 ATGACTCTTT AAGTTTTGAG GACCAGCAAA ATAGAGAAGG GTATTGTGTT 217001 AGAGGTAGGG GGAACACAG CAGCAAA ATAGAGAAGG GTATTGTGTT 217001 AGAGGTAGGG GGAACACAG CAGCAAAA ACGTTAAAA ATCTTGCCT 217001 AGAGGTAGGG GGAACACAGG GGGCAAGGGA ACAGCACAAA AGAGAAAAAT 217101 ATCTGTTACC AATTACAGCA AAGTTACTAC ATTATTAAAA AGAAGTTGTA 217101 CATATGAATA AGAATAGGAT GCTCTCTCAAA AGGGAACACGC 217201 TCGTTTTCCT TAGGTACTT AGAGGGAGA ATTACTCCTG CACGATTTGC 217201 TCGTTTTCCT TAGGTACTT ATGGGGAGA ATTACTCCTG CACGATTTGC 217301 AGAATACCAT TTGGCTAATT TGAAACGGTT CACGATTTTCCTG CACGATTTGC 217351 ACACTGCCAG CCCAAAAGCCT GCCTGTCGTC CCCAAGGAAA ACACTGCTAG 217351 ACACTGCCAG CCCAAAAGCCT GCCTGTCGTC CCCAAGGAA ACACCGCTTACC 217351 ACACTGCTAG CCCAAAAGCCT GCCTGTCGTC CCCAAGGAA ACACCGCTTACC 217351 ACACTGCTAG CCCAAAAGCCT GCCTGTCGTC CCCAAGGAA ACACCGCTTACCTCTCTCTCTCTCTCTCTCTCTCTCTCTC						
216701 CAGGAAAGGA AAAGCATGG ACCTTGGGAG TGGATCAGTC ATCCAAATTC AGATAGGTGC TGTTGTCTGT TGTGATTCTG TTGGGCTCTG TTCTTCTGAG AGATAGGTGC TGTTGTCTGT TGTGATCTG TTGGGCTCTG TTCTTCTGAG AGATAGGTGC AGGTTTCCAG GAACTCAGGG GCTAAGAAAT ATCTTACCGA ATGACTCTTT AAGTTTTGAG ACCACCAAA ATAGAGAAGA ATCTTACCGA ATGACTCTTT AAGTTTTGAG GACCACAAA ATAGAGAAGG GTATTGTTT TTTTTGTTATT ACGACA ATGACTGTT TTTTTGCACA TGATGTAACC AGAGTGGAAA AAAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT ACGAGACAGA AAAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT ACTTACGAA AGAGTAGGAG ACGACACAG AGAGAAAAAT ATCTTGGCTT ACTTACTACAA AAAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT ACTTACTACAA AAAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT ACTTACTACAA AAAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT ACTTACTACAA AGAATACAAA AGAACACAGA AAGTTACAAA AGAACACAGA AAGTTGTA ATCTGTTACC AATTACAGCA AAGTTACTAC ATAGTAAAAA AGAAGTTGTA ATCTGTTTCCT TAGGTACTAC ATGAGGAAAA AAAACCACAG CAGTAATAAT CGTTGATAAAA AGAAGTTGTA ATCTGTTTCCT TAGGTACTAC ATGAGGAAAA ATCTTCACTAC AGAGTTTGC CACGATTTGC CACGATTTGC TTGGTTACA ATAGTAAAAA AGAAGTTGTA AGAATACCAT TTGGCTAATT TGAAACGATT CTTCACTTCC CGGTCCTTAC CGGTCCTTAC ACACTGCCAG CCCCAAACCC CTATCCTGCA CCCAAGGAAA ACCATGCTAA ACCATGGTTC ACCATGGTTC ACCATGGTTC ACCATGGTTC ACCATGGTTC ACCATGGTTC ACCATGATA ACCATGGTTC ACCATGGTC CCCAAACGCA AAAGCACAGA AAACCAGGAA ACCAGGAAT ATCTGAAGT CTCCTTCAAG ACCATGCTA ACCATGGTTC ACCATGGTTC ACCAAGTCCG CCCCCAACCC CTATCCTGCA CTCCTTCCAG AAACCAGA ACCATGATA ACCATGGAAAAAC ACCAGGAAAT ATTGGAAGT CTCCTTTCAAG ACCATCCCT ACCAAAGTCG CCTCCTTTAC AAAGCAACAAA ACCATGCAAAAACAAAA AAACCAAGAAAAAAACAATAG CTCCTCTTCAAG AAACCAGGAAATAAC CCTCCTTTTA CAAAAATAAAC CCTTCCTTC						TTTTTTCCTG
216751 AGATAGGTGC TGTTGTCTGT TGTGATTCTG TTGGGCTCTG TTCTTCTGAG AGATCCTCAG AGGTTTCCAG GAACTCAGGG GCTAAGAAAT ATCTTACCGA AGATCTATGCAG AGATCCAGGG GCTAAGAAAT ATCTTACCGA TAGATCATTT ATGTTTGAGA AGATCTTTA AAGTTTTGAG GAACTCAGGG GCTAAGAAAT ATCTTACCGA ATTTAATTTT GAGATGTGTTT ATGTGAGTGT AGAGTGTTTT ATGTGACT ATGTGTTT AAGTTTTGAG ACATAGTGTG CTAGTTACAA ATGTTTGCTT TTAATGCACA TGATGTACC AGAGTGAAAA AAAACCACAC CAGTAATAAT CGTTGATATAA ATCTTGGCTT AGAGTGAAC AAAACCACAC CAGTAATAAT CGTTGATATAA ATCTTGGCTT AGAGTAACCA AGAGTAACAA AGAGTACTAC ATGTTAAAA AGAAGAAAAT ATCTTGGCTT AGAGGAAAAAT ATCTTGGCTT AGAGGAAAAAT ATCTGGTTACAA ATGTTTGCTT TTAATGCACA TGATGTAACC AGAGAGAAAAACCACAC CAGTAATAAT CGTTGATATAA ATCTTGGCTTAC AGAGGAACAAAA AGAAGAACAAAACCACAC CAGTAATAAT ATCTGGTTAAAA AGAAGAACAAAAT ATCTGTTAACA AGAAGAACAAAAT ATCTATTAAAA AGAAGAACAAAAT ATCTATTAAAA AGAAGAACAAAAT ATCTGTTACC AAATTAACAAA AGAGGAACAAAA AGAACTGAAAAACCAT TTGGATATTTTC CTTTCTCTG CACGATTTGC CACGATTTGC CACGATTTGC CACGACTCAGAACAAAACAA						ATCCAAATTC
AGATCCTCAG AGGTTTCCAG GAACTCAGGG GCTAAGAAAT ATCTTACCGA AGATTGAAA ATACTCCGC ATTTAATTTT GTGTAGTGT AGAGTGTTT ATGACTCTTT AAGTTTTGAG GACCAGCAAA ATGAGAAAGA AGAGTGTTTT AAGATTGACAA ATGTTTGCTT TTATTGCACA TGATGTAACC ACATAGTGG CTAGTTACAA ATGTTTGCTT TTATTGCACA TGATGTAACC ACATAGTGG GGAACACGG GGGCAAGGGA ACAGCACAA AGAGAAAAAT ATCTTTGCTT ATCTGTTACCA AATTACACAC CAGTAATAAT CCTTGATATA ATCTTGGCTT ATGTGTTACCA AATTACAGCA AAGTTACTAC ATTAGTAAAA AGAAAAAAT ATCTGTTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAAATGTTA ATCTGTTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAAGTTGTA ATCTGTTTCCT TAGGTACTTG ATGAGGGAGA ACAGCACAG AGAGAAAAAT TTCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTCTTCCTG CACGATTTGC AGAATACCAT TTGGCTAATT TGAAACGGTT CCAGATTCTCG CACGATTTGC AGAATACCAT TTGGCTAATT TGAAACGGTT CCAGATCTCG CACGATTTCCT ACACTGCCAG CCCAAAAGCCT GCCTGTCGTC TTCCATTCG ATGCCCCCTTCCT ACCATGGTCC CCCCAAACCC CTATCCTGCA CCCAAGGAAA GAACCTGATA ACCATGGTC CCCAAAAGCC TATCCTGCA CACAAGGAAA GAACCTGATA ACCATGGTC CCCAAAAGCC AAGCAGCAGA AAAGCAGGCA GCCCAGGAAA GAACCTGATA ACCATGGTC CCCAGAAAGCC AAGCAGCAGA AAGCAAGAAA GAACCTGATA ACCATGGTC CCCAGAAAGCC CCAAAGTCGG CCCCTTCCATACAA AGCACCCCTTCCTC ACCATGGTC CCCAGAAAGCC CCAAAGTCGG AAGCAGCAGA AAGCAGCAG AAGCAGCAGA ACCGGATCC CCAGAAAGCC CCAAAGTCGT CCCTTCAAG GCACCCCCTTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTC				TGTGATTCTG	TTGGGCTCTG	TTCTTCTGAG
216851 GAATTTGAAA ATACTCGGC ATTTAATTTT GTGTGAGTGT AGAGTGTTTT 216901 ATGACTCTTT AAGTTTGAG GACCAGCAAA ATAGAGAAGG GTATTGTGTT 217051 GAAGGTAGGG CTAGTTACAA ATGTTTGCTT TTATTGCACA TGATGTAACC 217001 GAAGGTAGGG GGAACACGG GGGCAAGGGA ACACACACA AGAGAAAAA 217101 ATCTGTTACC AATTACAGCA AAGTTACAAC ATGATTAAAA AGAGATGGTA 217101 ACCATAGAATA AGAATAGGAT GCTCTGCTAA ATAGTTAAAA AGAGATTGTA 217101 TCGTTTTCCT TAGGTACTA CTCAATCAAA AGGGAACCGC 217201 TCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTACTTCCTG CACGATTTGC 217251 TTGAAGAGT GATTATTTTG CTTTGTGAAC CTCTTTCCTG CACGATTTGC 217351 ACACTGCCAG CCAAAAGCCT GCCTGTCGTA 217351 ACACTGCCAG CCAAAAGCCT GCCTGTCGTA 217461 GCCTCGGTG CCCCCAACCC CTATCCTGCA ACCATTCCTC 217501 CCGTCAGTC CCCCAACCC CTATCCTGCA ACCATGGTC GGTCCTCTC 21751 ACCAGGATCA GAAGAGCA AAGCAGAGA AGACCTGATA 217451 ACCAGGTC CCCCAACCC CTATCCTCAA GAACCAGCA GACCTGATACAAA AGAGATACAA 217451 ACCATGGTC CCCCAAACCC CTATCCTCAA CCCAAGGAA GACCTGATA 217551 ACCAGGATCA CCCCAAACCC CTATCCTCAA CCCAAGGAA GACCTGATA 217601 GGATTCCAG GAAGAGCA CCTCTCTCCAG GCTTCCTCCT 217501 CCGTCAGCTC CCAGAAAGCC CCTAACTGCG AAAGCAGCA GAACCTGATA 217601 GGATTCCAG GAACGGGAAT TATTGGAATG CTCCTTCCAAG GTGCCCCCT 2177601 TGTGGCAAAC AGGGTATTGT TTGGCTTGCT CTCTCCAGGCA GCCCCCT 2177601 TGTGGCAAAC AGGGTATTGT TTGGCTTTCT CAAAAATAAAC 21761 TGTGATTGG AGCCGAGAAC CCTCCGCAGTC CCTCTTCTCAG GCAGAACAAA AGCAACAAA AGCAACAAA AGCAACAAT CCATCTCTC AAAGTAGAA AAGCAACAA GCAGTCCGT 217761 TAGATACAGT GAACAGAGAA TATTGGAAGT CTGCTCTTTC CAAAAATAAAC 217761 TAGATACAGT GAACAAATAG CTCTCTTCCA GAGAAGTGG GAACCATTGC 217761 TAGATACAGT GAACAAATAG CTCTCTTCCA GAGAAGTGG GAACGAAAAAAAAAA				GAACTCAGGG	GCTAAGAAAT	ATCTTACCGA
216901 ATGACTCTTT AAGTTTTGAG GACCAGCAAA ATGAGAAGG GTATTGTGTT 216951 ACATAGTGTG CTAGTTACAA ATGTTTGCTT TTATTGCACA TGATGTAACC AGAGTGGAAA AAAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT AGAGGTGGAAA AAAACCACAG CAGTAATAAT CGTTGATATAAA ATCTTGGCTT ATCTGGTTACC ATTGTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAGGTAGTA ATCTGTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAGATTGTA ATCTGTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAGATTGTA ATCTGTTACC ATTAGAATA AGAGTACTAC ATAGTTAAAA AGAGATTGTA ATCTGTTACC TAGGTACTTG ATGAGGAGAAAAAT ATCTGTTACC TAGGTACTTG ATGAGGAGAAAAACCAT CTCAATCCAAA AGGGAACCGC CACGATTTGC TTGGTAATT TGAAACGGTT TTGAAACGGTT TTGAAACGGTT CAGTCCTTAC CCGATCCTGCA ACACTGCCAG CCAAAAGCCT GCCTGTCGTC TTCCAGTC CGGTCCTTAC CCAAGAGCAAAAAGCC CCCCCAACCC CTATCCTGCA CCCAAGGAAA GAACCTGATA ACCAGGTTC TCTGCCTAG GAGCTGTGG CTCCTTCCAG GTCCCTCCT CCGCACTC CCGAGAAAAGCC AAGCACAGG AAAGCACAGG AAAGCACAGG AACCAGGAAA ACCAGGAAT TATTGGAACGGTT CTCTCCAGT CCCGCCCCCTC CCAGAAAGAGC AAGCACAGG AAAGCACAGA GCACACAG GAACCAGAGAACAAA GCAGACCAG AAAGCACAGA GAACCTGATA TGTGGATTACAG AGCGGAAAT TATTGGAACGT CTCCTTCTAC CAAAATAAAACACT TGTGGATTACAG AGCGGAAT TATTGGAACGT CTCCTTCTTC CAGTCCCTTTAC CAAAATAAAACACT TGTGGATTACAG AGCGGAAAT TATTGGAACG AAGCAACAAA GCAGTCCGT CTCCTTCTT CAAAAATAAACACT TGTGGAACAAAAAACAATG CTCCTCTTCA GAAAGCAACAAA AGCAACAAA AGCAACAAA AGCAACAAA AGCAACAAA AGCAACAAA AGCAACAAA AGCAACAAA AACCATTGC CTGCTCTTCT CAGGGACACACAAATAG CATTGTTCAT TGGAGTACACAT TCGGGGCCC CAAAAGAGA AAACCATTGC CCGCCAAATTG CATTGTTCAT TCGGGGCCC AAAGTCAAAAAACAATAG CATTGCTCCAAAATAG CATTGCTCCTC CAAAGCAAAAAAAACAATTGCAAAAAAAAACAATTGC CCTGCGCACTC CCTGCACTC CCTGCACTC CCTGCACTC CCCCAAACAAAAAAACAATAG CATTGCTCCAAAATAG CATTGCTCCAAAATAG CATTGCTCCAAAATAG CATTGCTCCAAAATAG CATTGCTCCAAAATAG CATTGCTCCAAAATAG CATTGCTCTCAAAATAG CATTGCTCCAAAATAG CATTGCTCCAAAATAG CATTGCTCCAAAATAG CATTGCTCTCAAAATAG CATTGCTCCAAAATAG CATT					GTGTGAGTGT	AGAGTGTTTT
216951 ACATAGTGT CTAGTTACAA ATGTTTGCTT TTATTGCACA TGATGTAACC 217001 AGAGTGGAAA AAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT 217051 GAAGGTGAGAA AAAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT AGAGTGGAAA AAACCACAG GAGCAAAGGA AAAGCACAA AGAGAAAAAT ATCTTGTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAAATAGTTACAC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAAATAGTT CCTTTACT TAGGTACTTG ATGAGGAGAA ATTCTTCCT CAGATTTGC CAGATTTGC TTGAAAGAGT GAATAATTTTC CTTTGTGAAC CTCTACATCAAA AGGAACCGC CTTACTCT AAGAAAGCT TTGGCTAATT TGAAACAGT CCCATGTCGT CCCATTCGC GCTTGGTTGA ACACTGCCAG CCCAAAAGCCT CCTATCCTC CAGATTCCT ACCATTCGC ACCATTCGC ACCATTCGC ACCATTGCT CCCCCAAACCC CTATCCTCAG CCCCAGAAAGCT ACCATCGCAG AAGCAGCAG AAACCAGAA GACAACAAA GCCACAGTACAAAACACA ACCATGATA ACCATGGTC CCAGAAAGGC AAACCAGGAA AAACCAGAAA ACCATGATA ACCATGATA ACCATGATA ACCATGATA TATTGGAAAT CTCTCTTCAATCCA AAAAAAAAAA				GACCAGCAAA	ATAGAGAAGG	GTATTGTGTT
217001 AGAGTGGAAA AAACCACAG CAGTAATAAT CGTTGATATA ATCTTGGCTT 217101 ATCTGTTACC AATTACAGCA AAGTTACTAC ATAGTAAAA AGAACACAG AGAGAAAAAT 217101 TCGTTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAAGTTGTA 2171201 TCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTCTTCCTG CACGATTTGC 2172201 TCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTCTTCCTG CACGATTTGC 217251 TTGAAGAGTG GATTATTTG CTTTGTGAAC CTCTTCAGTC CACGATTTGC 217351 ACACTGCCAG CCAAAAGCCT GCCTGTGCT CCAGTCTGG ATGCCTCCTC 217351 ACACTGCCAG CCCAAACCC CTATCCTGCA CCCCAAGGAA AGACCTGATA 217451 ACCATGGTC CCCCAACCC CTATCCTGCA CCCAAGGAA GAACCTGATA 217451 ACCATGGTC CCAGAAAGCC GAAGCCTGGC AAGCACCAG AAGCCTGCTC 217501 CCGTCAGCTC CCAGAAAGCC CCAAAAGCAGCA AAGCAGCAG GAACCAGTCCAT 217551 ACCAGGATCC CCAGAAAGCC CCAAAGCAGCA AAGCAACAA GACCTGATA 217651 TGTGATTGGG AGCCGAGAA TTATTGGAAGT CTGCTCTTTC CAGGGGAGCA 217651 TGTGATTGGG AGCCGAGAAT TATTGGAAGT CTGCTCTTTC CAAAAATAAAC 217651 TGTGATTGGG AGCCGAGAAT TATTGGAAGT CTGCTCTTTC CAAAAATAAAC 217761 TGTGAACAGT GAAAGTAG CTCTCTTCTC AAAAATAAAC 217761 TGTGAACAGT GGACAAATAG CTCTCTTCTC AGGGTCAGCC CGCTAATTC 217781 CAATTGTTCAA TCGGGGCCC CAAAATAGCA GTGCAGAAA GAACCATTGC 217851 CATTGTTCAA TCAGGAGTAG AGAGGAAAAG GAAGCAATAG 217901 ACGTAGGCCA AATGGAGCA AGAGGAAAAG GAACCATTGC 217851 CATTGTTCAA TCAGAGTGA GAGGAAAAG GAAGGAAAAA AACCAATGC 217851 CGTTTCCAT TCGGGGCCC AGCATAAGCA GTGCAGAAA AATCCAGT 217851 CGTTTCTCAT TCGGGGCCC CAAATAGCA GTGCAGAAA AATCCAGT 217851 CGTGTGTAA ACCAATTGC CTTCTTCCT CTCTCTCTCT CTCTCTCTCAGAAAACAAAAAAAAAA			CTAGTTACAA	ATGTTTGCTT	TTATTGCACA	TGATGTAACC
217101 GAAGGTAGGG GGAACACGGG GGCAAGGGA ACACCACAG AGAGAAAAT 2171101 ATCTGTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAAGTTGTA 217121 CATATGAATA AGAATAGGAT GCTCTGCTAA CTCAATCAAA AGAAGTTGTA AGAATAGGAT GCTCTGCTAA CTCAATCAAA AGAGAACCGC 217201 TCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTCTTCCTG CACGATTTGC 217351 AGAATACCAT TTGGCTAATT TGAAACGGTT CAGTTCCTGG GCTTGGTGAC CCACTGCTGA ACACTGCCAG CCAAAAGCCT GCCTGCTGC CCAAGACGG GATTACTGC ACACTGCCAG CCCAAAAGCCT GCCTGCTGC CCAAGGAAA GAACCTGATA ACACTGCCAG CCCAAAAGCC CTATCCTGCA CCCAAGGAAA GAACCTGATA ACCAGGTC CCAGAAAAGCC AAGCCAGGAA AAGCAGCAG GACCCCCATTCCAGTC CCGGCCCCCAACC CTATCCTGCA CCCAAGGAAA GCACCCCCT CCAGAAAGCC AAGCAGCAG AAAGCAGCAG GCTCAATCCA ACCAGGATA ACCAGGATCA GCAGAAGAGC AAGCAGCAG AAAGCAGCAG GCTCAATCCA ACCAGGATCA GCAGATGCCG CCAAAGTGGG AAGCAGCAG AAGCAACAAA GCAGTCCGT TTGTGGTTGA ACCAGTTCGG AGCCGAGAC CCTCGCAGTC CTCTTCTTC GCTGCGGAGAC CTCTCCTTCT TTGTGGATTGG AGCCGAGAACAAA AGCAACAAA AGGAACAAAAAG CAGCAGCAG AGGAACAAA AGGAACAAA AGGAACAAAA GGAACAAATAG CTCTCTTCCA GAAAGTAGG AAAATAAACACT TTGTGCAAAATAG CTCTCTTCCA GAAAGTAGG AAAATAAACAATCACT TTGAGATACAAAAAAAAAA		AGAGTGGAAA	AAAACCACAG	CAGTAATAAT	CGTTGATATA	ATCTTGGCTT
217101 ATCTGTTACC AATTACAGCA AAGTTACTAC ATAGTTAAAA AGAAGTTGTA 217151 CATATGAATA AGAATAGGAT GCTCTGCTAA CTCAATCAAA AGGGAACCGC 217251 TCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTCTTCCTG CACGATTTGC 217301 AGAATACCAT TTGGCTAATT TGAAACGGT CCTCTCCTGC 217351 ACACTGCCAG CCAAAAGCCT GCTGTCGTC CACGATCTGG GCTTGGTTGA 217351 ACACTGCCAG CCCAAAAGCCT GCTGTCGTC CCCAAGGAAA GACCTGATA 217451 ACCATGCCAG CCCAAAAGCCT GCTGTCGTC CCCAAGGAAA GAACCTGATA 217451 ACCATGCTC CCCAAAAGCC CTATCCTGCA CCCAAGGAAA GAACCTGATA 217551 CCGTCAGCTC CCAGAAAGGC AAGCAGCAG AAGCAACAAA GCTCAATCCA 217551 ACCAGGATCA GCAGAAGGC AAGCAGCAG AAGCAACAAA GCTCAATCA 217651 TGGGATGGG GAACGAGCAC CCTCGCAGTC CCTTCCTTCT CAGTCCGCTCC 217761 TGTGGCAAAC AGGGTATTGT TTGGCTTGTC CAAAAAAAAAC 217651 TGTGATTGGG AGCCGAGCAC CCTCGCAGTC CCTTCCTTCT CAAAAATAAAC 217761 TGTGGCAAAC AGGGTATTGT TTGGCTTGTC AAGGTCAGC CGGCTAATTG 217781 CATTGTTCAA TCAGGAGAAAAAACAGAA GTATTGGTAGAAA 217901 ACGTAGGCCA AATGGAGTAA GAAGCAAAAA GAACAAAA AATGGAGCAAAA 217951 TAGGAGCCA AATGGAGTAA GAAGCAAAAA GAACAAAA 217901 ACGTAGGCCA AATGGAGTAA AAGCAACAAA GCTCAATTG 217801 GGTCAGCAAC TCAAATAGCA GTGCAGAAAA 217901 ACGTAGGCCA AATGGAGTGA GAGCAAAAAAAAC 217901 ACGTAGGCCA AATGGAGTGA GAGCAAAAAAAAAC 217901 ACGTAGGCCA AATGGAGTAA GAGGAAAAAAAAAC 217901 ACGTAGGCCA AATGGAGTAA GAGGAAAAAAAAAC 217901 ACGTAGGCCA AATGGAGTAA AAGCACACAAA AACCATTGCAAAA 217901 ACGTAGGCCA AATGGAGTAA AAGCACACAAA AACCATTGCAAAA 217901 ACGTAGGCAAA AATGGAGTCA GAGGAAAAAAAAAAC 217901 ACGTAGGCAAA AATGGAGTCA GAGGAAAAAAAAAAAC 217901 ACGTAGGCAAA AATGGAGTCA GAGGAAAAAAAAAAC 217901 ACGTAGGCAAA AATGGAGTCA GAGGAAAAAAAAAAAA		GAAGGTAGGG	GGAACACGGG	GGGCAAGGGA	ACAGCACAAG	AGAGAAAAAT
217151 CATATGAATA AGAATAGGAT GCTCTGCTAA CTCAATCAAA AGGGAACCGC 217201 TCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTCTTCCTG CACGATTTGC 217251 TTGAGAGAGTG GATTATTTG CTTTGTGAAC CTCTTCAGTC CAGGTCCTTAA AGAATACCAT TTGGCTAATT TGAAACGGTT CCAGTTCTGG ATGCCTCCTG AGACTCTCTC CAGTTCTGC ATGCCTCTGCA CCCAAGGAAA GACCTGATA ACCATGGTG CCCCAACCC CTATCCTGCA CCCAAGGAAA GAACCTGATA ACCATGGTC TCTGCCTTAG GAAGCTGTGG CCCCCAACCC CTATCCTGCA CCCAAGGAAA GAACCTGATA ACCATGGTC CCAGAAAGGC AGAGCAGGAA AAACCAGATCCA CCCAAGGAAA GAACCTGATA ACCATGATCA GAAGGAACAAA GAACCTGATA ACCAGTCC CCAAAGGCA AAGCAGCAG AAGCAACAAA GCAGTCCCT CCAGAAAGGC AAGCAGCAG AAGCAACAAA GCAGTCCCT TTGTGCATTCCA GAAGTGCTG CCAAAGTGCA AAGCAACAAA GCAGTCCCT TTGTGCATTCCA GAACGGAAC CCCAAGAACAAA GCAGTCCCT TTGTGGAATC CAAAAATAAAC CTCTCTTCTC CGCGGGAG AGCACAAAAACAAA AGCAAGAACAAA GCAGTCCTT TAGATACAGT GGACAAAATAG CTCTCTTCTC AGAATGGAAAA AACCAATTGC CGGTTAATTG TTGTGGCAAAA AACGAAGCAA GAACCAATGC CCTTTTCAAT TCGGGGCCC AGCATAAGCA GTGCAGAAAA GTAATTGGTAGC CAATGGTCAGC CCTTTTCAAT TCGGGGCCC AGCATAAGCA GTGCAGAAAA AATTGGTAGC CCTGGTGCTA ACCATTGAATAG CAATGGAAAAA GAACAATTGC CCTGGTGCTA ACCACCACA AATGGAGTAA GAGGAAAAAG GAAGGAAAAA GAATGGAAAAA AACCAATTGC CCTGGTGCTA ACCATTGAATG CATTGTTCAA TCGAGGCCA AATGGAGTAA GAAGCAATAG CTCTCTTCCA GAAAGCAATAG CATTGAAAAA AACCAATTGC CCTGGGTAAACAAAA AACCATTGC CAATGGAGAAAA AACCAATTGC CCTGGTGCTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCAACTTT TGGAGGGAATA GACCATTTAA GAGGAGTACC CTAGTGGAGA AACCATTGAATG CATGGGGGTA GGCCCTGGGGA GAGGAATACC CCTAGTGGAGA AACCATTGAATG CATGGGGGTA GGCCCTGGGGA GAGGAATACC CCTAGTGCAACA CATTGAATG CATGGGGGTA GGCCCTGGGA GAGGAATACC CCTAGTGCAAC CCCTTCTCTC TTGTTCTTTCTTTCTTTCTTTCTTTCT				AAGTTACTAC	ATAGTTAAAA	AGAAGTTGTA
217201 TCGTTTTCCT TAGGTACTTG ATGAGGGAGA ATTCTTCCTG CACGATTTGC 217251 TTGAAGAGGTG GATTATTTTG CTTTGTGAAC CTCTTCAGTC CGGTCCTTAC 217301 AGAATACCAT TTGGCTAATT TGAAACGGTT CCAGTTCTGG GCTTGGTTGA 217351 ACACTGCCAG CCAAAAGCCT GCCTGTGCT CCAGTGCTCCT 217401 GCCCTCGGTG CCCCCAACCC CTATCCTGCA CCCAAGGAAA GAACCTGATA 217451 ACCAGTGTC TCTGCCTTAG GAAGGCTGGG CTCCTTCAAG GTGCCCCCCT 217501 CCGTCAGCTC CCAGAAAGGC AAGCAGCAG AAAGCAGGCA GCTCAATCCA 217551 ACCAGGATCA GCAGAAGGC CCAAAGTGGG AAGCAACAAA GCAGTCCGT 217601 GGATTCCAG GAACGGGAAT TATTGGAATG CTCCTTCTA CAAAAATAAAC 217651 TGTGGATTGG AGCCGAGCA CCTCGCAGTC CCTTCCTTC CGCGCGAGCA 217701 TGTGGCAAAC AGGGTATTGT TTGGCTTCTC AAGGTCAGCC CGGCTAATTG 217751 TAGATACAGT GGACAAATAG CTCTCTTCCA GAGAGTGGT GAATACCAGT 217851 CATTGTTCAA TCAGAGTGA AGGGAAAAA GAACGATGCA AAACCATTGC 217851 CATTGTTCAA TCAGAGTGA AGAGGAAAAA GAACCATTGCAAAAA 217851 CATTGTTCAA TCAGAGTGA GAGGAAAAA GAACCATTGC CCTGTGCTA 217801 CGTCAGCCC AATTGGAGTGA AAACCATTGC CCTGTGCTA 217801 CGTCAGCCA ACCACTCCC AAAGCCCCC CCCCCACTTT 218001 GGCCGAGAC TTGCAGTTCT CAAAGCACAAAAA GACCATCTCC CAACCCCCA CCCCCACTTT 218001 GGGCGAAATA GACCATTTAA GAGGAGTGC CTAGTGGAG AGCTCTATTG 218101 TGGCGGGTA GACCCTTGAG AGGATACC CCTTGTGCTC 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGGG AACCATTGC CCTCTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGGG AACCATTCC CAACCCCCA CCCCCTACTTT CCCTTTCTCT TTGTTGTTTCTT GCTGCCCAGGA GGTCAATTG CCCTTTCTCT CCTTTCTTT TTGTTTCTTT GCTGCCCAGGA GGTAAAGGG AACCATTCC CCACCCCCA CCCCCACTTTT CCATTGCGGGTA ACCCTTTTAA GAGGAGTACC GTTCATTGAGA GGCCTTGATTG CATTGGGGTA ACCCTTTAA GAGGAGTACC GATCCCTAGC CCCTTTCTCT CCTTTCTTT TTGTTTCTTT GCTGCCCAGGA GGTAAAGGG TCCCTTTCTCT CCTTTCTTT TTGTTTCTTT GCTGCCCAGGA GGTAAAGGG TCCCTTTCTCT CCTTTCTTTT TTGTTTCTTT GCTGCCCAGGA GGTAAAGGG TCCCTTTCTCT CCTTTCTTTTTTTTTTTTTTTTTT			AGAATAGGAT	GCTCTGCTAA	CTCAATCAAA	
217251 TTGAAGAGTG GATTATTTTG CTTTGTGAAC CTCTCAGTC CGGTCCTTAC 217301 AGAATACCAT TTGGCTAATT TGAAACGGTT CCAGTTCTGG GCTTGGTTGA 217351 ACACTGCCAG CCAAAAGCCT GCCTGTGGTC TTCCATTCCG GCTTGGTTGA 217451 GCCTCGGTG CCCCAACCC CTATCCTGCA CCCAAGGAAA GAACCTGATA 217451 ACCATGGTTC TCTGCCTTAG GAAGCTGTGG CTCCTTCAAG GTGCCCCCCT 217501 CCGTCAGCTC CCAGAAAGGC AAGCAGGAA AAACCAGGCA GCTCAATCCA 217551 ACCGGGATCA GCAGAAAGC CCAAAGTAGGA AAGCAGGCA GCTCAATCCA 217651 TGTGATTGGG AGCCGAGCAC CCTTCCTTCT CAAAATAAAC 217651 TGTGATTGGG AGCCGAGCAC CCTCGCAGTC CTTCCTTCT CGTGCGGGAC 217701 TGTGGCAAAC AGGGTATTGT TTGGCTTGTC AAGGTCAGC CGCCAAATAG 217751 TAGATACAGT GGACAAATAG CTCTCTTCTC GAGAAAGTGGT GAATACCAGT 217781 CGTTTGTCAT TCGGGGCCC AGCATAAGCA GTGCAGAAA GTATTGGTAG 217781 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAAATAG AACTGACAAA 217901 ACGTAGCCA AATGGAGTGA GAGGAAAAG GAAGGAAATAG AACTGACAAA 217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGGCCAATA GACCATTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 21801 CATGGTGGTA ACCATCTCC AAAGCATGC CTTATTGAGA GGCTCTATTG 21801 CGTTGTCTT GGGGGCA GAACCTTTC TTTGGGAGG AACCACTTCC 218151 TTGTTTCTTG GCTGCCAGGA GGGAAAAGGTAAAG CACCTCTTCTCTC 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGGA CTCCTTTCTCTC CAACCCCCA CCCCCACTTTTCTCTTCTC			TAGGTACTTG	ATGAGGGAGA	ATTCTTCCTG	CACGATTTGC
217301 AGARTACCAT TTGGCTAATT TGAAACGGTT CCAGTTCTGG GCTTGGTTGA 217351 ACACTGCCAG CCAAAAGCCT GCCTGTCGTC TTCCATTCCG ATGCCTTCCT GCCTGCTGTC TTCCATTCCG ATGCCTTCCT GCCTGTCGTC TTCCATTCCG ATGCCTTCCT CATTCGC ACCCCAGGAA GCACTGATA ACCATGGTC TCTGCCTTAG GAAGCTGTGG CCCCAGGAAA GAACCTGATA ACCATGGTC CCAGAAAGGC AAGCAGCAG AAGCAGCAG ACCAGGCA GCTCAATCCA ACCAGGAAC ACCAGGCA GCTCAATCCA ACCAGGAAC GCAGATCCG CCAAACTGG AAGCAACAAA GCCAGTCCGT CAGAACTGG GAACGAACAAA GCCAGTCCGT TTGTGCAAAC AGCAGCAG CCTCATTCT CAAAATAAAC CCTTCATTCA TCTGGCAAAC AGCAGCAGC CCTTCCTTCT GCTGCGGGAG AGCAAACAAA GCCAGTCCGT TTGTGCAAAC AGCGTATTGT TTGGCTTGTC AAGGTCAGC CCGCTAATTG CTTCTTCA TCGGGGCCC AGCATAAGCA GTGCAGAAA ACCAATGC CCGCTAATTG CATTGTTCAA TCAGATACAG GAACAAAAA GAAGCAAAA ACCAATGC CCTGGAAAA ACTACTAAAA ACTACAAAA ACCAATGC AGCAAAAAAAC GAACGAATAG AACTACAAAA ACCAATTGC CCTGGGGTAATTG TGGCTGGGAA AATGGAGTAA AAGCAAAAA AACCAATTGC CCTGGGGTAATTG ACCAACTCCC AAAGCCTCC CCAAACCCCCA CCCCAACTTT TGGAGAGAAA AACCAATTGC CTTGGTGCTA ACGAACAAAAAACAAACCAGTC TTGCAGGATA GAACCAATTGC CTTGGTGCTA ACGAACAAAAAACAAAAC		TTGAAGAGTG	GATTATTTTG	CTTTGTGAAC	CTCTTCAGTC	CGGTCCTTAC
217351 ACACTGCCAG CCAAAAGCCT GCCTGTGCT TTCCATTCGC ATGCCTTCCT 217401 GCCCTCGGTG CCCCAACCC CTATCCTGCA CCCAAGGAAA GAACCTGATA ACCATGGTC TCTGCCTTAG GAAGCTCTGG CTCCTTCAAG GTGCCCCCT 217501 ACCAGGACA CCCAAAGGCA AAGCAGCAG AAGCAGCAG CCCCAATCCA ACCAGGATAC ACCAGGATCC CCAAAGTCG AAGCAACAAA AAGCAAGCA GCAGTCCGT CCAAAGTCG AACGCAGCA AAGCAACAAA AACCAATGCA TGTGATTGG AGCCGAGAT TATTGGAATG CTGCTCTTTA CAAAAATAAAC CTTCTTCT TGTGGCAAAC AGGGTATTGT TTGGCTTTCT AAGGTCAGC CGCTAATTG TTGGGCAAAC AGGGTATTGT TTGGCTTCTC AAGGTCAGC CGCTAATTG CTTTTAA ACGAACAAA AGGAACAAA GAACAATAG CTCTCTTCCA GAGAAGTGGT GAATTGGTAGC CGTTTATTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG ACTTGGTAGC AATTGGAAGA AAACCATTGC CCTGGTGCTA ACGTAGCCA AATGGAGTA ACGAACTAC GAGAACAGA AAACCATTGC CCTGGTGCTA ACGACACACA GGACAACAAA AACCATTGC CCTGGTGCTA ACGACACACC TTGCAGGAT TTGGAGGAGTA AAACCATTGC CCTGGTGCTA CCAACCCCCA CCCCACATTT TGGAGGAGAAAA GAACCATTGC CTAGTGGAGA AAACCATTGC CTAGTGGAG AGCTCTATTG GGAGGCAATA GAACCATTC CAAAGCCCCCA CCCCCACATTT TGAGAGAGAAAA GAACCATTGC AAAGCCCCCA CCCCCACATTT TGAGGAGGAATAA GACCATCCC AAAGCCCCCA CCCCCACATTT TGAGAGAGAAAAA GAACCATTGC CTAGTGGAG AACCATTGAATG CATGGGGTA GACCCTTGAG GAGGAATAG AACCATTGAATG CATGGGGAAA GAACCATTGAACA GAGGAATAG AACCATTGAATG CATGGGGATA GAACCCTTCA CAGAGAGA AAACCATTGC CCTAGTGGAGA AACCATTGAATG CATGGGGATA GAACCATTAA GAGGAATACCA GAGACCCCCA CCCCCACACTTT TGAGAGGATACA GAGCCCCAACCCCCA CCCCCACACTTT TGAGAGAGAAAAA GAGCACATGC CCCTTCTCTC CAACCCCCA CCCCCACACTTT TGAGAGGATACCA GAGCACACCCCA CCCCCACACTTT CAACCACCCCA CCCCACACTTT TGAGAGAGAAAAAAAAAA			TTGGCTAATT	TGAAACGGTT	CCAGTTCTGG	GCTTGGTTGA
217451 ACCATGGTTC TCTGCCTTAG GAAGCTGTGG CTCCTTCAAG GTGCCCCCCT 217501 CCGTCAGCTC CCAGAAAGGC AAGCAGCAG AAAGCAGGCA GCTCAATCCA 217551 ACCGGGATCA GCAGATGCTG CCAAAGTGGG AAGCAACAA GCCAGTCCGT 217601 GGATTTCCAG GAACGGGAAT TATTGGAAGT CTGCTCTTTA CAAAATAAAC 217651 TGTGGAAAA AGGGTATTGT TTGGCTTGTC AAGGTCAGTC CCTTCCTTCT GCTGCGGGAG 2177701 TGTGGCAAAA AGGGTATTGT TTGGCTTGTC AGGTCAGGCAGAC CGCCTAATTG 217751 TAGATACAGT GGACAAATAG CTCTCTTCCA GAGAAGTGGT GAATACCAGT 217801 CGTTTGTCAT TCGGGGCCC AGCATAAGCA GTGCAGGAAA GTATTGGTAG 21781 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG AACTCCAAAA 217901 ACGTAGGCCA AATGGAGTGA GAGGACAGA AAACCATTGC CCTGGTGCTA 217901 ACGTAGGCCA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAGC TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218010 GGAGGCAATA GACCTTTAA GAGGAGTGGC CTAGTGGAGG AAGTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACG GACCTCTAGC 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGGGT TCCCTTAGCC ACCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGGGT TCCCTTAGC ACCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGGGT TCCCTTAGCC ACACTTCTT		ACACTGCCAG	CCAAAAGCCT	GCCTGTCGTC	TTCCATTCGC	
217451 ACCATGGTC TCTGCCTTAG GAAGCTGTGG CTCCTTCAAG GTGCCCCCCT CCGTCAGCTC CCAGAAAGC AAGCAGGA AAAGCAGGCA GCTCAATCCA ACCGGGTCA GCAGAATGCTG CCAAAGTGGG AAGCAGCAACAAA GGCAGTCCGT CTAGTGTATTCCAG GAACGGGAAT TATTGGAAGT CTGCTCTTTA CAAAATAAAC CTTGTGATTGGG AAGCAGGAC CCTTCCTTCT CTGCGGGGAG TTGTGGCAAAC AGGGTATTGT TTGGCTTGTC AAGGTCAGC CGGCTAATTG CATTGTACAAC TCGGGGCCC AGCATAACAGA GAACAGAAC AGGGTATGT TTGGCTTGTC AAGGTCAGC CGGCTAATTG CATTGTTCAA TCAGATACGA AGAGAAAAA GAAGCAACAAA AACCAATGCAGTAAAAAACACTTGATAGAAAAAACACTTGAAAAAAACACTTGCCAGAAAAAAAA				CTATCCTGCA	. CCCAAGGAAA	
217551 ACCGGGATCA GCAGATGCTG CCAAAGTGGG AAGCAACAA GGCAGTCCGT 217601 GGATTTCCAG GAACGGAAT TATTGGAAGT CTGCTCTTTA CAAAAATAAAC 217651 TGTGATTGGG AGCCGAGCAC CCTCGCAGTC CCTTCCTTCT GCTGCGGAG 217701 TGTGGCAAAC AGGGTATTGT TTGGCTTGTC AAGGTCAGCC CGGCTAATTG 217751 TAGATACAGT GGACAAATAG CTCTCTTCCA GAGAAGTGGT GAATACCAGT 217801 CGTTTGTCAT TCGGGGCCCC AGCATAAGCA GTGCAGGAAA GTATTGGTAG 217851 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG AAGTGCAAAA 217901 ACGTAGGCCA AATGGAGGTGA GAGGCAACAA GAACCATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAGC TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218001 GGAGCAATA GAACCTTTAA GAGGAGTGC CTACTGGAG AAGTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGAGT TCCCTTGGCC ACACTTCTT			TCTGCCTTAG	GAAGCTGTGG		
217551 ACCGGGATCA GCAGATGCTG CCAAAGTGGG AAGCAACAAA GGCAGTCCGT 217651 TGTGGATTGCAG GAACGGGAAT TATTGGAAGT CTGCTCTTTA CAAAATAAAC 217651 TGTGGATTGGG AGCCGAGCAC CCTCGCAGTC CCTTCCTTCT GCTGCGGGAG 217701 TGGGGCAAAC AGGGTATTGT TTGGCTTGTC AAGGTCAGCC CGGCTAATTG 217751 TAGATACAGT GGACAAATAG CTCTCTTCCA GAGAGTGGT GAATACCAGT 217851 CGTTTGTCAT TCGGGGCCC AGCATAAGCA GTGCAGGAAA GTATTGGTAG 217951 CATTGTTCAA TCAGAGTGA GAGGAAAAG GAACCATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAG TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218151 TGGTTCTTG GCTGCCAGGA GGTAAGAGG AACCATTGC CATTGGGGTA GACCTTTAA GAGGAGTGCC CTAGTGGAGG AACTTGAATG 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTAGCC ACCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTAGCC ACACTTTCTT	217501	CCGTCAGCTC	CCAGAAAGGC	AAGCAGCAGG	AAAGCAGGCA	GCTCAATCCA
217601 GGATTTCCAG GAACGGAAT TATTGGAAGT CTGCTCTTTA CAAAATAAAC 217651 TGTGATTGGG AGCCGAGCAC CCTCGCAGTC CCTTCCTTCT GCTGCGGAG 217701 TGTGACTAGG AGCGATATTGT TTGGCTTGTC AAGGTCAGCC CGGCTAATTG 217751 TAGATACAGT GGACAAATAG CTCTCTTCCA GAGAAGTGGT GAATACCAGT 217801 CGTTTGTCAT TCGGGGCCCC AGCATAAGCA GTGCAGGAAA GTATTGGTAG 217851 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG AAGTGCAAAA 217901 ACGTAGGCCA AATGGAGTGA GAGTCAAGAG AAACCATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGAGCAATA GAACCTTTAA GAGGAGTGC CTTATTGAGA GGCTCTATTG 218051 GGAGCAATA GAACCTTTAA GAGGAGTACC CTACTGGAG AAGTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGAGT TCCCTTAGCC ACACTTCTTT		ACCGGGATCA	. GCAGATGCTG	CCAAAGTGGG	AAGCAACAAA	GGCAGTCCGT
217651 TGTGATTGGG AGCCGAGCAC CCTCGCAGTC CCTTCCTCT GCTGCGGGGAG 217761 TGTGGCAAAC AGGGTATTGT TTGGCTTGTC AAGGTCAGCC CGGCTAATTG 217751 TAGATACAGT GGACAAATAG CTCTCTCTCA GAGAAGTGGT GAATACCAGT 217861 CGTTTGTCAT TCGGGGCCCC AGCATAAGCA GTGCAGGAAA GTATTGGTAG 217861 CATTGTTCAA TCAGAGTGA GAGGAAAAG GAAGGAATAG AAGTCCAAAA 217901 ACGTAGGCCA AATGGAGTGA GAGTCAGGAA AACCAATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCA CCCCACATTT 218001 GGGCCAAATA GACCATTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218151 CATGGGGGTA GGCCCTGGGA GAGGATACC GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAAGGGT TCCCTTGCCC ACACTTTT		GGATTTCCAG	GAACGGGAAT	TATTGGAAGT	CTGCTCTTTA	CAAAATAAAC
217701 TGTGGCAAAC AGGGTATTGT TTGGCTTGTC AAGGTCAGCC CGGCTAATTG 217751 TAGATACAGT GGACAAATAG CTCTCTTCCA GAGAAGTGGT GAATACCAGT 217851 CGTTTGTCAT TCGGGGCCCC AGCATAAGCA GTGCAAGAAA GTATTGGTAG 217851 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG AACGTAGGCCA AATGGAGTGA GAGTCAAGAA AAACCATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAGC TTGCAGTTCA GAGGAGTAGC TCTATTGAGA GGCTCTATTG 218151 GGAGGCAATA GACCTTTAA GAGGAGTACC GATCCCTAGC 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGGCC ACACTTTCTT		TGTGATTGGG	AGCCGAGCAC	CCTCGCAGTC	CCTTCCTTCI	
217801 CGTTTGTCAT TCGGGGCCCC AGCATAAGCA GTGCAGGAAA GTATTGGTAG 217851 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG AACTGCAAAA 217901 ACGTAGGCCA AATGGAGTGA GAGTCAAGAA AACCATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAGC TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218051 GGAGGCAATA GACCTTTAA GAGGAGTGC CTAGTGGAGG AAGTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGCC ACACTTCTTT	217701	TGTGGCAAAC	AGGGTATTGT	TTGGCTTGTC		
217851 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG AAGTGCAAAA 217901 ACGTAGGCCA AATGGAGTGA GAGTCAAGAG AAACCATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATT 218001 GGTCAGCAGC TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218051 GGAGGCAATA GAACCTTTAA GAGGAGTGGC CTAGTGGAGG AACTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGGCC ACACTTCTTT	217751	TAGATACAGT	' GGACAAATAG	CTCTCTTCCA		
217851 CATTGTTCAA TCAAGTAGGA AGAGGAAAAG GAAGGAATAG AAGTGCAAAA 217901 ACGTAGGCCA AATGGAGTGA GAGTCAAGAG AAACCATTGC CCTGGTGCTA 217951 TGGCTGGGTA ACCATCTCCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAGC TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218051 GGAGGCAATA GACCCTTTAA GAGGAGTGC CTAGTGGAGG AAGTTGAATG 218151 TTGTTTCTTG GCTGCCAGGA GGGATACCC GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGGCC ACACTTCTTT						
217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAGC TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218051 GGAGCCAATA GACCCTTTAA GAGGAGTGGC CTAGTGGAGG AAGTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGCCC ACACTTCTTT	217851					
217951 TGGCTGGGTA ACCATCTCC AAAGCCTCTC CCAACCCCCA CCCCACATTT 218001 GGTCAGCAGC TTGCAGTTCT GTTGGGAGGT TCTATTGAGA GGCTCTATTG 218051 GGAGCAATA GAACCTTTAA GAGGAGTGC CTAGTGGAGG AAGTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGGCC ACACTTCTTT	217901	ACGTAGGCCA				
218051 GGAGGCAATA GAACCTTTAA GAGGAGTGGC CTAGTGGAGG AAGTTGAATG 218101 CATGGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGGCC ACACTTCTTT	217951		ACCATCTCCC			
218101 CATGGGGTA GGCCCTGGGA GAGGATACCG GATCCCTAGC CCCTTTCTCT 218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGGCC ACACTTCTTT		GGTCAGCAGC				
218151 TTGTTTCTTG GCTGCCAGGA GGTAAGAGGT TCCCTTGGCC ACACTTCTTT	218051	GGAGGCAATA				
	218101	CATGGGGGTA				
218201 TCCATGGTGT GCCGCCTTGA CATAGGCGCA AAGCGACCGG GCCAACTAAT	218151					
	218201	TCCATGGTGT	GCCGCCTTGA	CATAGGCGC	A AAGCGACCGC	GCCAACTAAT

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218251	CATGCGTGAA		AAATGGTGAC		CCATAATGTT
218301	ACTGTCTCAG		CAGCAATCCG		CTTGATAAAC
218351	AGGTCTAACC	CAGTGGTTCT	CAGCCTTCCT		CCCTTGAATA
218401	ATACAGTTTC	TCATGCTGTG	GTGACTCCAG		GGGAACTGGG
218451	AATAAAATGG	CCAACAGTGT	AGACATGCCC		GGGAGCTTCC
218501	ATGCTACAGA	GAGCTACAGC	CCAAGAAGAG		GAAACAGCTG
218551	GCAGTAAACG	AGCGAGTCAC	CTACCCATGC	CTCAGGAAGA	CTCCCTGAAC
218601	ACAAACAGTT	GAGGAATTAC	CTGAGGGATG	AGAAGAAGAG	CAAGAGAGCT
218651	CCAGCCAGAG	GCAGCAGCAC	GGGTCCAAGC	TCTGAGGGGC	AGTGGGCTGC
218701	GCCATGGCAC	TACACCAGTC	AGGGAATGAG	TATGCAAGGA	GCCTAGAACC
218751	TTCAACATGC	TGGGTTCTAC	CCTAGCTCTA	CTGAGTGTCA	CTGAAAGGGA
218801	CAGTAGTGCT	GAATTATTGC	TTTCAAAAGT	TCAGTCTGCT	GGATCTCTGT
218851	CAAATACATA	TTAGAATAGA	AGTATGGAGA	TCATATCATC	ATCATCTCTA
218901	TATCTATATA	TAAAATGGAG	AAGGTGTTAT	GAACAAAGTG	ATGATGTATC
218951	TGATCTTTTA	GAAATGATTG	GAATTCTGAC	AAGCAGATTT	GGAGAAAATA
	AGATCTCTAG	AGAGGGTGCA	GGGTGACCAA	GTGTGGGGCT	GAGCGACAGG
219001	AGGCAAGTTT	GCACGTGGGC	CAGCATGAAG	CAGCAGTGGG	GACAGCAGCT
219051			TCCCTGCCCA	GCTATGAGTG	CTCTTAAAGG
219101	GTGAGCAAGG	AAGATGCTGG			AAAATTAAAT
219151	CCAGGCCACA	CCTACAGGGG	CTGCTTTAAA	TTTTTAATGT	
219201	CCGAGGGACT	GCTTTAAAAA	TTTATCTCGG	CACATCTCAG	TTACCACGAG
219251	AGAGTTCCGG	TGTGTGTGTT	TGTGCCGATT	TAAAACCATC	TAGATCCATA
219301	GTGAAATTGT	GACTTTCAAC	AAGACGCCTC	GGCATCAGGA	TCTTCATATA
219351	ATTTGCCCCA	CTCTGTGGTC	TATAGAATTT	CACATCTACT	GTCATAATGT
219401	GCTGAGCCAA	GTCGGTCATG	GTGGCATCTG	AGGCAGGAGA	ATGGCTATGA
219451	GTTCAAGGCT	GGCTGTGCTA	TAGTAGAAAA	TCCTGTCACA	AACAAACAAA
219501	CAAACAAACT	CAGCAACAGC	AGAAGAAAAA	CAGGCCAAGC	CAGGACATGG
219551	ATGCAATGGG	GCTTCTGCGC	CAGGAACTTA	AACTTGAAGG	TTTATATCTT
219601	GGTTAATTTG	TCATTCATTC	ATTCACCCAC	TGTGTGTTAA	CTGAGCACCA
219651	GCACTGTTGT	AAGTACTTAC	TCTGGGTGAG	TGAAGGGCTC	CTACGCTCCC
219701	TGTGAGCCCC	TTACCAGTAG	TGAGGGTTTG	GTGTGATTCT	TGGCGTTAGC
219751	CCAGGTTAGG	AAGTGACAGT	AAATAATGAT	CAAGGGAAAG	GCCTGTTGAA
219801	GCAGATATCT	AGACCTGCAG	TGACGGCCTG	TGGGATACAG	GTTTGAGTGA
219851	CTTGGGGAGA	GGGCCGCAGA	GATCTGGGCC	CAACAAGCCA	GTCAAGAACA
219901	GCGGCAGGTA	AGAGGTGACC	GGCTGAGCCA	TCCATCCTGC	CTCTTGTCCA
219951	CCTCTCAACA	GAAGAGTTGA	GGCACAGGCG	CTTTAAATGT	CTCCAGGTGA
220001	CTCTCAAGTG	GCTTTGGGTT	TATTCTGATT	ACACCGAGAA	GCTTTCCAGA
220051	GGAGAGTGAG	AGACAGAGCT	TTATTCTCGA	AGAACACGTG	GAGCCCGAGT
220101	GCAGTGTGAA	ACGCAGCCAG	AGAGAAGGAA		AGGGACACAG
220151	GAACCTCAAA	GTTGATGAGA	GAAAGGGAAC	GCCGAGGGCA	CCCTGAGGAG
220201	CGGTGGCGCT	GGGGTAGCAG	GGAGTGCAGC	TCAGAGGCGC	ACCATAAAGA
220251	TGAGTTTCCA	GTGTGGCGAC	CTCACAGTGG		GAGGTCCTCT
220301	CCTGCGTTAG	GGACAACTAC	AGGAAGGGAG		GGGAGATGGG
220351	TCTCCACCGC	CACGCCCCTC	TGCTGTCCCA		CTCTAACTCC
220401	CTCGCTCTAA		GGATGCACCA		TCCCCCATCT
220451	TCTTCCCAGC	AGAGCTCATT	GTGTCCAAGG		TGGTAACTAC
220501	ATTCTGTGAC	AAATGGGAAT	AAAGAGAAAA		
	TCTAATTCCC	GGCTTTTCAG			GATTCCTTGC
220551					TAAAGGAGCA
220601	TGACTTTAAG				
220651	GATGAATACT				
220701	TGCTTCTCTG				
220751	ACCACCCGGC				
220801	AACCAACACG				
220851	TTAAGCCGCA				
220901	CATCTTGATC				
220951	GCCATTGCCC				
221001	AGGATGGCTC				
221051	TCTTGGTGGT				
221101	GCTGAGCTGC				
221151	TAGTATTTAG				
221201	GTGCCACACT				
221251	TCCCTTCCCI				GGACAAGGCC
221301	AACCTTCCTC	GTCTGTCTTC	TTGGGCAAG	: GCCCCGAGTG	CTGTTTGCTC

					ama aa aa aa
221351	0 . 0				CTACACAGCC
221401	AACAGCACAT	CAAGACCGGT	GCAGAAGACT	00111111	GTTGTTAAAT
221451	CTCCATAGCA	ACTGGGTGGT	CTTTCTTCTT		GAAGCTGAGA
221501	CTCAGACTCA	GGCAAACACA	CATACCCATA		CTCTACGCCC
221551	CCCAGCATGG	AGGAGGAGGC	GGAGCTGACT		AGCTTTCCCC
221601		CATGGGACCT	TGGGTGGGTT	ATGACTGCTA	GGACCGTACT
221651		CCTCTGAGTT	CTAAGTGAAC	CAAATGGGCA	CAGAGCACTT
221701		CTAGTCCAGA	GTCAACACAC	TGGTCCCTGT	GATCTGTCTC
221751		CGGTTTATAG	CCCTCCTCCT	TCTTCCTTCC	AGCCTAGACT
		TGGCTTCTCT	CTTGGGACCT		GCTGAGAAGA
221801		CTCTGGAATG	AGCGAGATGT	TCCCTGTGGA	TCCTGCTCCT
221851	GTCTGGACAG	GGGGACAATG	GACTGGGTGT	GTGTCCTACA	CACATGGACA
221901	TATAGGGGAG		TCACGCTATC	TCCTGACCCC	TTGGAGTGCC
221951	GGACAGAAGC	CAGCCATGCC	TTCTCTTTTC	CCTCTCTGTC	TTTTCTTTTG
222001	TCTTTATGTT	CTTTCAGTAT		TTTCTTGCTG	ATTATGGAAC
222051	AATTTTTCA	TGGAAGGAGG	GAATATAAGT		AAATGTCTGT
222101	TTTTTATATA	AGTTTGTGTG	TGTCCTTTTT	GGTTGTCAGG	TTATTCCCAG
222151	CATTAAAATA	TTTAACAGCT	GGGCATGGTG	GCACACGCCT	
222201	CACTTGGGAG	GCAGAAGCAG	GCGAATTTCT	GAGTTCGAGG	CCAGCCTGGT
222251	CTACAAAGTG	AGTTCCAGGA	CAGCCAGGGC	TACACAGAGA	AACCCTTTCT
222301	CAAAAAAAAC	AATATATAA	TATAACAACT	ACCTTTATCT	CCTAATATTT
222351	TTATGTCAGA	GAAATTCATC	CGGTGGAACC	TAAGACTTTC	TGTGAGTCGT
222401	TAGGAAGGTT	AAATACATAG	ATAAAAGCCA	TCCATTTAAT	CTTTGATTAT
222451	TTGAGAAATA	GTCCTTTAAT	AGAGCTATTA	AAAAGTTGTC	TTGAATTCAG
222501	AAAATTTTCA	GAATTCAGAA	GTTAATATGT	GTATTTAGTT	CTACCTGAAC
222551	TTACAAGGGA	AAGACAGAAA	ATTTCTGCCT	TTTTTTTTTT	TTTTTTTTTT
222601	TGGTCTGAGA	CAGTCTCACT	GTGTGGCTGA	CCTGGAACTC	ACTGTGTAGA
222651	CCAGGGTGAC	CTCAGACTCA	CAGAGGTCTG	CCTGCCTCTG	CCTCCCCAGT
222701	GCTGGGATCA	AAGGTGTCTG	CCCCCACACC	AGGTCCAGAG	CTGGTTATTT
222751	TTTGAAATTA	CTGATGATTG	ATTTATGTTC	TTGTTGTACC	TGAAGACAAA
222801	CATTGTTTTA	GCACAAATTG	CCCACAGCTC	AGGAAGTAAA	AGAATTGGAC
222851	CAGTTATTTA	GAGAGGTCAC	TAGAAAACAG	CTGGTTTTGT	CTCCCAGTCA
222901	TAGAGATTTT	AGTAAATAGC	AGCCTCCCAT	TAGGTTTGCA	CAGTACTTTA
222951	CGGCATATAT	TTTTTCTGCA		TCATTTAGCC	CTCTGGACTG
223001	GCTGATTTTG	TGTGTCAACT	TGACACAGGC	TGGAGTTATC	ACAGAGAAAG
223001	GAGCTTCAGT	TGGGGAAGTG	CCTCCATGAG		AAGGCATTTT
	TTCAATTAGT	GATCAAGGGG	GGAGGGCTCA		CTGGTCTTGG
223101	GTTCTGTAAG	AAAGCAAGCT	GAGCAAGCCA		GCCAGTGAAG
223151	AACATCCCTC	CATGACCTCT	GCATCAGCTC		ACCTGCTTGA
223201		TGACCTCCTT	TGGTGATAAC		AAGTGTAAGC
223251	GTTCCAGTCC	CTTTCCTCCC	CAACTTGCTT		ATGTTGTGTG
223301	TGAATAAACA		AAGCCACCCT		CAGAACCAAA
223351	CAGGAATAGA	ACCCCTGCCT			AGTAAACACA
223401	GTTGCTGATC	TATTTTACAG			
223451	GATTTGCTGG	GTGCCTCAGT			
223501	GGGAACTGGT	TGGGGGGCTT			
223551	TCAGCAGGCT	CTGGGTGTGC			
223601	ACAACTTCAC	TTACACCAGA			
223651	CTGTGACAGA				
223701	CCAGCCGTAG				
223751	GGCTATCCTG				
223801	GGGGGGTGT				
223851	CTCATGGTGT				
223901	TATCATGGGC				
223951	TAAATTCCAC				
224001	ACACTAAACG				
224051	ATCGTCTGTT				
224101	AACGTATGGA				
224151	TCCCTGCCGT	GTATGATTT			
224201	AGCAGTCCTT	GGAGACACAC			
224251	GATTGAGATT				
224301	TGAATCGTTC		r TTGAAGGGA		
224351	ATACGAGATA	TGGCTGATA			
224401	CTCTCTGCTC	C TCCTCTGCT	r ctgcttctg	C TCTGCTTCT(	G CTCGCCGTCT

224451	TTCACCCACC	GAGTCTCAGG	TTCATTCTGA	GACCTTTCCC	CCCAAGCCTT
224501	CCTTAAATGC	ATCTGACAGC	TCCGTGGTGC	TGGGCTGTGT	CTTCTGTTCC
224551	CCGCGCCCCA	CCTGAGACTG	ATGACAAAGT	CTTTTGTCCA	TGCCATGCAC
224601	AACTTTGTCG	TCATGGGGAC	CCAGTGAACT	ATCTGGTGGC	CACTAGAAAC
224651	TTGGAGAGTT	GGGAAGCCAG	CGCAGGTGCT	TGACGCAGCT	CCAGCAAGGC
224701	TGAGCCGAAT	GCTGTAGTAG	CCGTCATTCA	TTCTCTCTCT	CTCTCTCTCT
224751	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTTGGG	GTTTGGTCTC
224801	TGTGTCTTTC	ATTTTGGGGG	ACTTTCTGCA	TTATGATTCA	TTTTATGTCT
224851	TTTCCTGAGA	AAATTGTGTC	TGATTCTTTT	TAGGCAAATT	CTAAAGTTAA
224901	CTTTATCTGG	CCACTATTTG	GAAGTCTTCC	TTATGCCCTG	GAGATCATTG
224951	AGGACAGATA	AGCACAGAGC	TAGATGAGGC	TCTTCCTCCA	GGAATCGTCT
225001	TGGGGTATCT	GCTCCTGAGC	TAACTCAAAC	AGTATAGATG	GTACAGGTAA
225051	ACAGAGACAA	TTAACACCCT	CTGACTGGTC	AGGGGAAGAG	GTTACAGATT
225101	CAAGGCTTCC	CTTTACAATA	ACAATATTTA	GAACACCCTG	GAAATGTGCT
225151	TTAAAGATGG	AGGGGGGTGT	CAAATAGAGT	ACATACCCCT	GGAGGAATAG
225201	AACTCAGTAA	TTAAGATGGA	TTGACTAAAT	TTTTCCCCTG	CTTTATAGCA
225251	TAGATGATGA	AACATAATGT	AAAAGGAATT	AGCTATTAGT	ATTTGCTAGT
225301	CATAAAAAGA	TAGTTTCTGT	TTGTCTGGAG	CGCTTTCAAA	CTGCAAACGC
225351	TGCCAGCCAA		GTCCTCCAAT	AAATGTGTTT	GGTTTGGAGG
225401	AGACATTCTT	TAGATTCTTT	ACATTGGAGT	TATAGGGCTG	ATAATAAAAA
225451	TAAAATCTGT	TTTGTTTGTA	TTTCCTTATT	GTGAACCTTA	TTGTGAACTT
225451	ATAAACCTGA	ATATGTAATA	AAAAAAAATC	AAACACATAA	TTTGTACTTC
225551	TTGGATTACC	ATTAGTCTGC	CTTTGTTCTG	TGAAATAAAC	AAGCAATCTG
225601	ATTGCTGGTT	AGTCAGAGCT	CTGAGATTCT	TTGGTCCATC	TGCACCTGAC
225651	TTCCTCCCCT	CGCCAACTTC	TTTGCGGGTC	AGCATCTAGG	GAAGGCCCCT
225701	GGCAGTTTGG	TATGTATACA	ACTGCCATTC	TGACTGAAAC	AGAAGCTACA
225751	ACCGTCTCAG	TCCATCACCT	GTAACTGTGC	CGTGCTGTTG	TTTGATGTGG
225751	CCATTTCTCT	GGCTGCTGCT	TTGTTGTCTC	TATTGACTTG	GCAAAGCTCC
225851	TCGTTCCCTT	TAGTTCTTAC	TTCCCCATTG	GCTAGGGTTA	AAAATAAGTT
225901	CAGGGTGAAG	CTTGCTCTGA	CAAGGATGCC	CAGGCTCCTT	CTTTTCTAAT
225951	TAACCCCCCC	ACCCCACCCC	CCCAGCCTCG	GCCACCACCA	GAAGACCGAA
226001	GTTTTCAGTG	TTAATAGCTT	AGCTGTCCCT	GGTTAGGAAA	GTGCCATAAA
226051	GACAGGAAAC	TTGTGGGATT	CATTCCCAAG	TCCTTGTGTT	TGATGCCCTG
226101	CCTGGAGCTT	AAGGAATTGA	ACCTCCCCGT	GGGGACGTTG	GAGATGTGTG
226151	TGTCAAGGAT	CAGTGGTTGC	ATCTAACTCA	TCTTAGAATG	CTTCTGGGCT
226201	TATTTCCACA	ATTATCTTCT	GCACCCGACC	CAGGCAGAAA	
226251	TATGCCTTCC	AAAGTGTCAT	ATATGTAAAC	GATCCCAAAC	AAGCTTATCT
226301	GTGATCTCCT	CATACGCTTT	CCCTTCCAGA	GCTTTGGTGA	AGTGTTAGCT
226351	ATTGATCCCT	GTCTTTCTTT	CTGATAAGCC	TCAGTCCAAG	AGGCTCCCTG
226401	TATGTGGAGT	CCTTCCCTGC	CATCAGGGTC	TCATTTATCC	TGCATCCTCC
226451	CTCCTTGCTT	TGTGTCTCCT	CAGCATGTTG	CCAGCAGGCT	GTGCTGTGAT
226501	GCCTTGTATT	TCTTGTATTT	ATTTGTACAT	CATGTATACA	
226551	TTCTCTTGCT	GTTCTGCCGT	TTTTTCAAGC	TGATACTTAT	
226601	TCTGTGTTAG		CACACACACA	GACCGCCCCC	CCCCCCCAG
226651	CTGTGCTTTA		GTTTCATGCT	AATTCTCCAA	GCTGTTGTTT
226701	GTGATAGGTA	TATAGGTTAA	AAGCCAGTTT	TAGAGAGGGC	CCATGCTTAA
226751	GCACGTGTGG	CTGGTAACTA	GCAGAGCCAG		TTTTGCCCGG
226801	GGGGGGGG		GGGACGGGGA		GACGGGGACG
226851	GGGACCAGGG		GATCCCAGGC	TGCTGTCAAG	CTCACGACCC
226901	TCCTGGGTCA		TGCTGGGATC	ACAGGCACGC	
226951	TAGCTTGGAG		GACCTAGTTA	GTTGTGGGGA	TTTGGATAGG
227001	AATGGCGCCC	GTAGGCTCAT	ATATTTGAAT		TCACCAGGGA
227051	ATGGTGCTGA		GGGCGTGGCC	TTGTTCGAGT	AGGCGAGGCC
227101	TTTGGGAATA		TATTGGAGGA		
227151	CTTTGAGTTT		AAGCCAGGCC		
227201	TATACCTGGG		ACATTTGCCT		
227251	CCATGAGAAT		TGTCAGCAAG		
227301	TTTGTAAGAC		CACGTTGTCT		
227351	AACTAAGGCA				
227401	CAGCAGTCAC				
227451	TGGCACACGC				
227501	GTTTGAGGAC				GACATGGCTA

227551	CACAATGAGG	CCTTGACAAG	AGGGGTTATG	AACAGAAGGC	CATAGAGAGA
227601	TCTTGTAACA	GGCTTTGATG		GGCATTTTGT	TTTGTTTTGT
227651	TTTGTTTTGT	TTGTTATTTT	TAGACAGGAT	TTCACCACCT	GATCCTAGCT
227701	AGCCTCAAAT	TCAGAGACCT	GCCTGTCGCT	GCCTCCCCAG	TGCTAGGATT
227751	AGCTAGCTTG	AAATGATGCA	TTTTTTTTTT	ACAAGTCCCC	TGGAGAAACA
227801	TACACACAAG	CAAATCAAAT	TTAACCTCAC	CCAAAACCTT	TTCAATCAAA
227851	ATAAACATGT	ATTAACACTT	CTAGTCTAGA	CAACTGTTAT	CACATTCGTT
227901	TTTCTATGTG	TCTTTGGCAT	ATTTATATGT	GTGAGGGTAC	ATGAGTGGTG
227951	TGGCATGTAT	GTTGAGGTCA	GAGGTCAACT	TGCAGGAGTC	CATTCGTTCC
228001	TTCTACGGTG	TAGGTCCTGA	GGATGGAACT	TAGGTTGTCA	GGGTTGGTGA
228051	CAAGTGCCTC	TACCCTTTCC	GCCATGTTGC	TGCTCTCTGT	AAGCATACAT
228101	ATTTAATAAG	GGTTCAACCT	CCCCCTAGC	CCACCACCCA	CCAGAGCCAT
228151	TGGAAAAGGA	ACATTAATGG	GAATCAGGGG	TCGTGAACCT	GTTTAGAAAC
228201	TGTTCTTTGG	ATGATTGATT	CCAGTCTCTG	TCATCAGTAG	CCCAGCCCTA
228251	TAGCAAAGCA	CCACCAGGAA	TCAGCAGTGA	CAGTGACAGG	AATCAGCAGT
228301	GACAGTCCAA	TCCATTCAGC	AGTCATCTTT	TAAGATTCAG	CAGTGGCAGT
228351	TAAATCCAGA	AACCTTGAGG	CTCTGCTAAT	GGGCCGGAGT	CCAGTGAAGT
228401	GTCAAGAAGC	CGCGGGAACC	TCACACGAGA	AGTTCTTTGT	CGAGTTTCTC
228451	CCTGTGAAGT	CACCACAAAT	GTATGAAGCT	CAGCAACCCA	ATGTAAGGTG
228501	AACCGATACA	TGAGTGTCAA	CAGGGAAGAC	TAGCGAGGCA	GAGCAAAGCG
228551	GACTGGACCG	AGGCTGGAGC	TCCCGTTGTC	TGTAAGGTCA	TATTTATATC
228601	CCTTCTAAAT	GCCACACATC	CTTTCATGTG	TCTGCTGTAG	CCAAACAGCC
228651	TTTCACCCGT	GTGCCCCAGC	AAAACATCAT	TTGACATAAA	TGACTTTCCA
228701	AACAAACCAG	AAGTTTCTAC	TTCAACCCCG	CCTCCACCTT	TTGGTAATAC
228751	AAAGAATCAA	GCCTTTACAC	TAGAAGAACC	CCAAGGCTAA	ATGAATTCTG
228801	CTAGCAAATC	CTCCTTCACA	TATCCAAAGT	TGTGCCCTTC	TTAGGAGTCA
228851	GTTCTCCCTT	CTCGTTTATT	CCAATTAGCT	TATTATTATA	GTTACGAGCT
228901	AAAATTAAAC	AGTACATAAA	TTGATGGACT	ATGACTAGAA	AAGTAGAGTC
228951	CTTAGTTCTG	CTAAAATAAA	GTCAGATGCT	TCAGGAAAAT	GGGATAAGGG
229001	CGAGGCTCCA	ACACAGTCAC	TCTGGAAATA	GGAGTGGGTG	GGATAATTGT
229051	CAGAGATTTG	AGAAGAAATA	TTAAAAGTCA	TGAAGGATTC	AGCATTCATG
229101	TCGCTTCACA	TGTTTAAATT	TTCATCCCAC	GTTAGAAGAA	CTGAGCCAGA
229151	AAGTCGAGCA	GAAGATGGAA	TATGGATATG	CTTTATGCAG	ATATTATAGA
229201	ATTCTAAGGT	CTCCAGTGCT	GCGTCAAAAT	AAAATGTCCA	AGGCAACAGG
229251	TGTTTTTAAA	TTATCTTTCT	CAAAATGAAT	CCCCCACTTT	ACTAGCTTTT
229301	GAAATTAAGC	AGTTTCTGGG	CCTAAATGTT	TTAAATAAAA	CTGCTTGTTC
229351	TATGTATAGA	TTAAAAATAT	TATGTAACTT	AATATCTATT	TTTTTGCTCA
229401	GTCTTTCATG		AAGCCAATAA	ATGTGGATGA	ATTTTTTTC
229451	TTTTTTAGTC	TGTACTGGAA	GTTTTATGCC	AACTTGAGCC	AGCTAGAACC
229501	ATTTTGGAAA		TGGTGACAAA	CACCCTTAAT	CCCAGCAGTA
229551	TGGAGGCAGA		TCTCTGAGGT	CAAGACCAGC	CTGCTCTACA
229601	GAGTGAGTTC		AAGGCTACAC	AGAGAAACCC	TATCTCGAAA
229651	AACAAAACAA		AAACAAACAA	TAGAAAAAGA	
229701	CATCAGATTA		AAGCCTGTGT	GCATTTTCTT	GATTGATAAT
229751	TACTGTGGAA		AACAGTGGGC	AGTGCCACCC	CTGGGCTCCA
229801	GGGTCATGGG		AAGCAGGCTG	AGCAGGTACA	
229851	AGCCAGTAAG		CCTATGGCCT	CTGCACTGCT	
229901	AGGTTCCTAT				
229951	ATATGTGTGT				
230001	CGGAAGAGGG		CCTGGAGCTG		
230051	TGTCTATTGT				
230101	AGTGCCCCTA				
230151	GCTCTTAACC				
230201	TGCAGAGATT				
230251	TCAAATCTGT				
230301	AAGCTCAAGG				
230351	TGTATGTTAG				
230401	TATTTTATGA				
230451	TTCACTAATO				
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230551	CCACACGCTC				
230601	CTTCCTCCTC	C CTCCTCTGTG	AACTCCATCC	. 11CC1C1GC1	LUCTIVIUGI

230651	TAAAATAGGG	TCCACTCTTG			CATATTCGTG
230701	TGACTTTCCA	ATATGATTAG			GTTTCATCCT
230751	GCATCGTTTG	GTTTTGCTTT	GTTTTGCTTT	GTTTTTCTTT	CTTTCTTGAG
230801	ACAGGACCTT	GTGTTGCCTG	TGTCACCAGG	ACCCATCCTG	AGCTCGTGGT
230851	CCTCTTGCCT		AGTGCTGGAA	TTACAGGTGT	GTGCTACAAT
230901	GCTTGAATTT	TGAATTTTTT	TATTGAACAA	GTTTTCATTT	GGTCAATAAT
230951	TTTCATGGGA	TCAGTATATT	TATTCCCTTT	TCTTATTAAC	AGTGTGTTTT
231001	TATATATCAT	AGTTAATAAT	GTATCATATT	TTTACAGAGC	ATAGATCTGT
231051	ATATCAGATT	CATTAGCCAG	TATTTTTTCA	TTATTAGAAT	AGGCTTATTT
231101	TTTATGGGAG	ATGGAAGGAG	GGGGCATGGG	AGAGAGAGAG	AGTGGGGAGA
231151	GAGAGAGCAA	GAGAGAGAAT	GAACACTTCC	TAATTCATGC	CTTTGGATCA
231201	TTTAATAGTA	TCATATCAAT	AGCATACCTA	GTATGTTCAT	AACTAGATAA
231251	GCTAAAAGGA	TGATCTTGAG	TGGGAAGATC	ATTGGCCATA	GATCCAGAAG
231301	ACGGTTCTAG	ACATGACTCC	ATCACTTTTA	CCACCGTGGT	ACTGAATATT
231351	CTCTTTGAGC	CTAATTTCCT	CATCTCTACA	GTTACCTAGA	CTTTAGCCCA
231401	GCCTCTAGGG	GCTATGTGAG	GTCATCTTTT	AAAATATTGT	TAGGGTTTGG
231451	GGATGTACCT	TGTACTGACT	AGTTTTATGT	GTCAACTTGA	TACAACCTGG
231501	AGTTATCACA	GAGAAAGGAG	CCTCCCTTGA	GGAAATGCTT	CCACGAGATC
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231601	AATGGTGGGT	GGTGCCATCC	CTGGGCTGGT	AGTCTTGGGT	TCCATAAGAA
231651	AGCAAGCTGA	GCAAGTCAGG	GGAAGCAAGC	CAGTAAGGAA	CATCCCTCCA
231701	TGGCCTCTGC	ATCAGCTCCT	GCTTCCTGAC	CTGCTTGAGT	TCCAGTCCTG
231751	ACTTCCTTTG	GTGATGAACA	GCAGGGTGGA	AGTGTAAGCT	GAATAAACCC
231801	TTTCCTCCCC	AACTTGCTTC	TTGGTCATGA	TGCTTGTGCA	GGAATAGAAA
231851	CCCTGACTAA	GACATGCCTT	AATTGGTAAA	GTGCTTACCT	GGCATTTATT
231901	AGGTCCAGGG	TTCAATCCTC	AGCACTGCAT	AAAACCAGCT	GTGGTGGTAA
231951	TCCCAGCACT	TGGGAAGTAA	AGGCAGGAGA	GTTGGGACTT	CAAGGTCATC
232001	CTTGGCTATA	CACTGAGGCC	AGTCTGGGCT	ATATGAGACC	CTGCCTCAAA
232051	AAACAAAGAA	TAAAAAAAAA	AGATTGCAAA	CAGTAACTGT	TACATAATAT
232101	ATAGAGAGTG	CTAATAAATA	TGTCATAAGT	GAATGTATAT	TTTACTAAAA
232151	TTATCTTTCA	GCTATCCTCA	TTTATGAAAC	AGCCTTAGCA	AACATGTTTC
232201	TTGTTCTGTG		TACATCTCTT	TGCATGACTG	TTTTTGAAAG
232251	AAATGGTTTA		AAAAAAAAAG	TCCAAGCTGA	TGTTCTTTGC
232301	TGCCATTCAG	AGGGTGTTTG	TGGCTTATTA	GCGCTCGGGG	CCGTGGGCTC
232351	CATCTGCGGT	ATTGACAGTC	CTTATGAGCT	TGTTAGCCAC	TGTTCTAATA
232401	AAAGTCATCT	TGATCTGTGA	GGAAGGCACA	GCATGGCATT	AAAAGAATAT
232451	TGAGTTGGAA	ATCTGTATTT	TGGGCCTTTC	ATTAAAATGC	ACCCCTTCAC
232501	AAAGGAGGCA	GTGTGGATTT	GCATTGCAAA	GGGTAGCTTA	TTTCCTTCTG
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232601	CTTCTGCAGA		CTCCTCTGAC	AGTTCACATT	GGAAGCCACT
232651	CTTCTTATCC	CTAGAATTAA	TTAACATGCA	AATACTTGTC	GAGAGACACA
232701	GGAACACTGC	TTTTTCAATT	AGCTTTTAAA		AATGGTGGTA
232751	GATTGTCTCT		AATTAAACTG	CTTTTTCCTC	GTGAATGCTG
232801	TTATTGATGT		TGGCACCAGT	GGGCTCTTTA	. AGTTTGCACA
232851	ATCAGAGACT		GGGTTGGATG	GGATTTGATG	
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232951	ACCTGGCCTC		CTTTGGATCG	GACGTTGCCG	
233001	ATGTGCTTTG		ACAGACACAC	: ATGGGTGCTG	GGATTTACCG
233051	TGGGTGTGCA		AAAAAAAAA	GGAACAAAGC	AAAACAAAAA
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233151	TTAACGTTTA			ATCTATCATC	TTGTCAAGCT
233201	GTGGCCAGTA			TTTGCATACA	GCTCAGTCAT
233251	CGTCAAGTAT			TATTTATTTA	TTTATTTATT
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200.01					

233751	TGCTTACCGG	CTTGCTTCTC	TTGGCTTGCT		AGGACCCAGG
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233851	AAAATGCCTT	CCACCTGGGT	CTCAAGGACT		TCTGATGACT
233901	CTAGCTTGTG	TCAAGTTGAC	ACACAAAACC		AGTTGTTAAA
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234001	GGACCAAAGT	GTTGGATGAG	AGTTCTGCAG	TTAGTGGCAG	CCTGTCATAG
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234101	TGAGAGTGTA	GGCTAGATTC	AGGACTTGGG	GTTTAGGATC	AAGGTTGCTA
234151	GAGATCAGTG	AAGTCCCAGG	AATGCCTGCT	TCAGCACCCC	AGGTCCTCTT
234201	TGGTCCATCC	CTTCTGTTCT	TGACATTCAT	CGTCTCAAAC	CTTCCTATCA
234251	GTTATCTACA	GTAGGGTACC	ATGGAGTGTT	TGAGGGGGTG	TTTGCATTAT
234301	TATAAAACAC	ACATTTTAGA	TTCTAAACAC	ATTCTTATGG	CAGTAATCCA
234351	AGTTACATAT	ATATATATAT	TATATATATA	TATATATATA	ATATATAAAG
234401	GGGGAGTAGG	AAATTAAAAG	CAATTGTCCA	TTTCCATCAC	AATTCTGATC
234451	TTCTTTTTAA	GAAAATTAAT	CTTTTTAGCT	ATGGATAATC	AAAAGCACAG
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234551	GTTAGATTCT	GTAGGAGAGC	TTTCTTGGTT	CCTCCTTCAT	GTTACTTCCT
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234651	TGCTGAAGAG	AACATTCTTG	AGACCATCTG	CAGATGTGTA	AAGCGGTCAT
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234751	CTCTAGGAAA	ACCCAGTTTC	AGCCATTTTT	CAGCCTATGC	ACAGTGCTGT
234801	GAATGGCGGC	TTACCATGGA	TTCCTCTGAA	AATAGAATCC	CAAACTCAAG
234851	GCTTGAAGAA	ACAAAGAGGA	GAGGAGTGGC	TAAAAATATG	TGGTGGCCAA
234901	GATGTATGAA	AATCTAACTT	GACACAAAAA	TCTGTGCATG	GTGGCATTAT
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235001	TGGATGCACA	ACACGGTACA	GAAATACAGT	AGCAATCACA	TATATGGACG
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235101	ATCTGAAGAG	CCAGTCAGAA	GTGAGCACGT	ATGTTTTTCT	GCAGTGTCCA
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235201	GAGGAGGCAA	AGATAGGGAC	TTGGGAATTG	GCTGCTATTG	GCACAATTGG
235251	CACAGTGTTT	CCTTTGGGGT	GATGGAAATG	TCCTAAAATT	AGACTGTGGC
235301	GACAGTTGCC	CAACTCTGAA	TATATAAAAA	CCCACTGAAC	GGCATATTCT
235351	AAATGGGAAA	TTTTATGATG	TGTGAACTTC	CAACCATTGA	AATGATTAAA GGATGCACAC
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235651	CTTCGCAGAC	ACAGGAGGCA	CTCTTCCTGT	CACTGTGCTC	CAGTATCTGG
235701	GGTTCCTCTG	CTGACCTAGA	AAGAAATGCC	TCAGCTGCTG	AGTCAAGGAC
235751	AAAAGTCGGG	TCAGAGAGGG	GAAGTTGAGC	AGCCCGGCTC	ATCTTAGGGA
235801	AGGGAGAGGA		TCACAGACTG ATTTAGCAAT	TAAGCTCTTC	CTACGACAGT
235851	ACAAGTACCG				
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235951	ATGTTCAGAG		CTTTTAAGTG ATAGGATTAA		
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236101	CCGGTCTTTC				-
236151	GATTAAACCA				
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236301	CTGGGGCAGC				
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237001	TCACATACAA	TAAATGAAAA	ATAGCATTTT	CTCCCAAGTA	TATCACACAA
237051	GATCATGTGG	ATTATTCTTT	CTGATTATTA	GTCGAACATG	AATCATTACA
237101	CAGAACCATG	CAGGGCTTTG	TTTGCTAAGT	GTATTTTGAA	AGATAGCTAG
237151	CCATGGCCTG	CAGTAGAATT	CCTTTTGGCT	CCTGTGTTAG	TTTATTGAAA
237201	GTAGAACTCA	CTAGACTCGT	GAATGCAAGA	GCAAGGTGTC	TCCACCATCT
237251	TCTGAGTTGA	GGATAACTTT	CATCCTTTGC	CAGGCTCCTT	AGAGACTGGC
237301	TGTGAGCAGC	CCTGACTTAA	CTTCAAAGCA	CAGCTTGTCC	CTTTGCCATT
237351	GGCACCACAG	CATCTTAATT	ATGCTTGGAC	AGCTATTATT	AGGATAGACA
237401	AGTGAGTAAG	AACTTTCCTT	TGTTGGTTTA	TATTGCTGTT	TTGTGTGACA
237451	TTGTATAAGC	TTAAGCTCAC	CCAATTATCA	CAATTGCCAC	ATGCCAATGT
237501	ACAGTCATTG	ACGGAGACTC	CGAGTTCTTT	CAGTGTCTGA	TGGATTGTTT
237551	TATTTAGTTC	ATAGAAACAA	AATGTTTCTT	GCCATGCCAT	CTTCCTAAGC
237601	CACAGTCTGG	ACACAACTGT	TCTATTAATG	TGTTTCTGAC	CAACTCAGAG
237651	AGCTGTTTAT	TGACTAAATC	CTTGGGTGAC	TGATTGTAAG	CATGGTCCTG
237701	GTTATGACTG	CAAAAGAAGA	AAGTTGGGTA	TAATCAACTT	TATTAACAGT
237751	GATTTCAGGA	ATGTGTGCTT	CAGAGAAAGA	GGGATATTTT	CAATGTTCAC
237801	ATACTTTCAA	AGGAGGAAAA	TAAAAAAGGG	CAAGTCCATA	CAGCAAAAAT
237851	CACAGTATTT	TAGATAGAAA	AAAAGAGGGG	TGGGGGTGGG	GGTGGGGGTG
237901	GGGAGAGGGA	GCTGTTTTAA	GAGCAAGAAA	CTCTTGTTGG	ACTTGGATCC
237951	CAGGAGAACA	CACGTTAGAC	TAAAGGGGGA	AACAAATAAT	GAGGCAAGAA
238001	TCAGAAGAGT	GATGTAAACC	AGCAGCCAAA	TAGCCACAGA	GCTTAAGGCC
238051	AGACCTAACT	GTGTCTAGAG	ACTATGGAAC	CCACCAGAAG	AGCACCTTTA
238101	TGACTGAGTC	CAGAGTGAGG	GGAGGTGGAG	ACTAACCAGG	CTCATGGCTC
238151	AAGGCAGGTG	GAATAACGTT	AACATATAAC	AGTGATTGAG	AGTGAACCCA
238201	GTGTATGTGA	TAGGTAATGA	TAATAACAGT	TATTACAATC	TATTGACTTT
238251	CTATTCAGGG	CTGGACACAA	TAAAAGAGGA	TTTAATTATT	TTTTTCTAGT
238301	ACCCGTGACA	GCTGTGCATG	GTAGAGATTA	CTGTTATCAA	CCCCGTTTTA
238351	CAGAGAGAAT	ACCAGGCCAC	GGGAGATTTC	ATAACAAGCC	TGAAGTTTGT
238401	AAATGAGAGG		TATTCGGGTC	TGACCTGTTT	TAGTGTCTGG
238451	CTCTTGGCAG		CATACATGTA	TGGCGTATTT	ACAATATATG
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238551	AACCCCCTTC	CCCTCTCTTG	CTGACCCCAT	CTCCCCAATT	AACCCTCTCC
238601	TACTTTCCTT	TTATTTTTTG	GACTCACTGG	ATTTTATTAG	AGTTGCTTAT
238651	GTTGGCATTG		ATTTATTGGA	GCCTAGGCAA	CATACCGGGG
238701	CTACACCACT	GAAGGAAATG	AATGACTGCC		AAGCATCCCA
238751	ACTCTTATGC	CTACTAGCAC	CAAGCTTTGA		ATGTTTCCGT
238801	TTAAATTACT	ATAGTGTCAG	GCACATAAAC		
238851	GCATTGAAGA	GCCACAGCGT	GGAGTCATAG		
238901	ACCATGATCC	TAAGAAACGT	ACGTAGCTGC		ACTTGCTCAG
238951	TGCTCTCCTA		AGCCCTGAGC		
239001	CGGACCATCI	GGATTTCTTC	TTATAGGTCC		
239051	AAGAATTTTC	ATAGTGATCC	CTGGCAAACC		
239101	GCTCTGTAAA	GCTGTAAGTG			
239151	CGTTCACAAG	GTGTGCCAAC	TTCGATTCTC		
239201	CCTCTGTTCC	TTCCTAGCTA	. TTTAAATGGC		
239251	TCATAGGGGA	TTGCGAGCAA			
239301	TCATGTTTGA	A TTTAGCTTCT	TTTGCGGAG1		
239351	GCTGCATAAT	ATTGTGGTTA			
239401	CTCTTGTCTA				
239451	CTGGTATTT				
239501	CTTGTGCTT				
239551	TGAGAGCAG				
239601	GTTCATAAA(				
239651	TGGTCTGTC				
239701	GATTTGGTT				
239751	AGCTGTCGG'				
239801	ACTTCAGTG				
239851	GGCTTTAAA(	CCTGTTTGT	TTTTATCTT	r TGAAGTAGG	
239901	ATGGCATGG(	CAGTAGCTT	A AAGTGAAGT	A GGAAAGACC.	r ccttacagtt

239951	TTGGAGATTT	GAGACGAGAG	TATAGTGTAT	CTGTTAGTGT	TATGAAGATA
240001	GTGTGCATGC	CCTGGATAGG	ATATAGAATA	CCTCTGCCTT	TTAAGACTCT
240051			TTCATACATA	CACACTTGGG	TACTGTCCAA
240101	ATCAAATTCA	GGGTCAGGTA	GATGGTAGGG	TGGGTAAAAA	AGCTGCACAA
240151		TCTGTGACCC	CATCACCCCT	GAGGTGAGAT	GGGAGGTGAG
240201			CCACAGGCCA	GCTCTTTTGG	AATGTGCATT
240251	TCAGCAGCCC		CACATGTGTG	CTGTGGCATG	CATATATGAA
240301			CACTCTAAAT	AAATAATTGA	AAAACCTTGC
240351	AAGTGGAAAA	CCATTGCATT	ATGGCGCCAT	TGTTACCCAA	GAAGACTGTG
240401	TCATTCCAAG	TTCCCAAAAG	TCATTGCTGA	TTTGATGACT	CACAGGGAAC
240451	GGATGGTGGT	TTGGAAATGG	GTCTATGTTA	GCAGCCCTCC	AGTTTTTTAC
240451	AGATGCTATG	AGGGTATCTG	TGGCTCGGGC	GTAAGATGGT	TGGCCGTCAC
240551	CACTCCCTTT	ATTCTAAGTG	GTTGTCTTAT	TATTGACCAC	TGAAGAAGAG
		TTAGCGAAGG	ACCCGTTTGC	ATACACGACT	GTGCTGAGGC
240601	AAGTAAAGGT	CAGCAGTTTG	AATTAAAATG	AAGTTTAACC	TGCCCATAGT
240651	CTAAACTTGG		AACACATGTT	TAGTTTCTCA	AAACAAGTAG
240701	CAGGCTGGAA	GCAGTACTGT	ATTTTCTCAT	AGCAATGCCT	AAGTTACCTG
240751	CGCCTCTTTG	AAAACAGCAC		AACTGCACAC	TGCCAGGAGT
240801	GAGTGATGGG	ATTTGCAGGA	TTATTGGCAA	GAACGGCACAC	GTTGTGTCTT
240851	TAGAACTGGT	GGTCAGGACC	AAAGTGGGAT		ATGGTGAGAG
240901	CAGCTGAAAC	CCACAGGGAA	CAGTTTGTAG	AGCGCTGGGG	
240951	GCTAGCAGTA	TGAAGTGAGC	CCAAGGCCTG	AGAGGCTCCT	GCTGCTGAGT
241001	GAATGTGGAG	GATCGTGCTG	GGGTGGCTCT	CACAGGGCAG	TGACCACAGC
241051	AGGCAATCTC	TGATGTCAGG	TCCAGTCTTG	TCCCTCTTCC	TGAGCTGTGG
241101	TCCAGTTGTA	TTGTAAATGT	GTGGTCAGGT	GCCCGGCTTT	CTTTATAGAC
241151	CTGAAGTTTT	TGAAGGCAGC	CACGAACCGA	CTCCATTGCA	TGATCCTGAT
241201	CTGGACCGCC	GATGCAGGAT	CACACGATCG	CAAAGTTCTG	GGGGCCTTGC
241251	ATCATGGTGG	CCCTTCTTCC	CCACATCTTA	GCTTTGTGGT	CTGTGCAGTG
241301	GAGACTGTGT	GCAAAAAATG	CTTGTTGATG	GAAAAAACAA	ACAACAAACC
241351	TTTTTCTTTT	TTGTTTTTCT	TTTTGTTGTT	GTTTTGAGAC	AGAGTCTCAT
241401	TATAAAGCTG	TGGCTGTCCT	GGAACTCACT	ATGTAGACTA	GGCTGGCATT
241451	GAACTTGAAC	TCACAGAGAT	CCTCCTGGCT	CTCTGCCTCT	GCCTCTTAAG
241501	TGCTAGGATT	AAAGGTGTGC	ATCACTATAC	CTGACTACAA	ACTCCCCTCT
241551	GAGCCCCTAC	ACTCTGTACT	TATAAACTCT	GTGAAAGAGG	GACCTGGCCA
241601	ACACCGACAT	TGGTATCTGG	CTATGTGGTG	GTTTAAAGCA	AGCATGGCCC
241651	CCCATAGGCT	TATATGTTTG	AATGCTTAGA	CATCAGGGAA	TGGCACTAAT
241701	TGAGAGGGAT	TAGGACATGT	GTCCTCATTT	GAATGAGTGT	GGCCCTGTTG
241751	GAGAAAGTCA	CTAGGGGTGG	GCTTTGGGAT	TTCTAAACCC	CAAGTCAGCT
241801	CAGTGTCTTC	TTGCTCTTCC	TGCTGGCCGC	GGTCCCAGGT	
241851	TAGCTACTTC	TCCAGCATCA	CATCTGCCTA	GATGTTGCCA	TGCTTCCTGC
241901	TAGGATAACC	ATAAACTAAA	CCTGGGGAAC	CGTAAGCCAT	CTGCAATCAG
241951	ACACTTTTCT	GAGAGTTGCT	GTGGTCATGG	TGTCCCTTGA	CAGCAGCAGA
242001	ACACTGATTA	AGACGGGATG	TGTGTGTGTG	CAGATGTGGC	AGTCAGGCCT
242051	TGGCCGCTGA	CTCACAGACA	CTGGGATCCA	GCTGTGTGTG	CCATATAAAG
242101	CACTGGCTGT	TTTAATATTG	ATATTACCAA	. CTTGGTCTAT	TTTACCTGAC
242151	CTTGTCAGGT	CTTTGATATT	ATTTCCAGTT	CATTCTAATT	AGTAGTAACC
242201	TGTTATCCCC	CACTCTACCC	CCAGCCCCTG	CCAATCTCTC	ACTTTCTTCA
242251	TTTATCTCCC	CTCCCCCTAC	CTGTCTCCTT	CCTCTCTGTG	ATGGTTTGTA
242301	TATGCTTGGC	CCCGGGAGTG	GCACTATTAG		TCTGTTGGAG
242351	TAGGTGTGGC	CTTGTTGGAG	TAGGTTCACC	ACTGTGGGTG	TGGGCTTTAA
242401	GACCCTCATC	CTAGTTGCCT			
242451	ATGAAGACAT			and the second second	
242501	TCCCATGTTC		GATAACGGAC		
242551	CCTTTATAAG				
242551	AAGCTACTCC				
242651	GTTCCTCCTC				
242701	TCTTCATACA				
	ATAGCCTGGA				
242751	CAAAAATACC				
242801					
242851	AGTTTTAAAT				
242901	TTCTGTGGGG				
242951	ATACCACCTO				A CACGAGACCA
243001	TGTGTGTGTG	TGTGTGTGTG	1 191919191	3 191919191	1 CHCGHGIICCH

243051	ATGTCATTAT	ATGTTCCGTA	GGATTAATTG	TAACATAACA	TTCCCTTAGA
243101	AAAGGGCTAT	CTCGCCTGTC	TGTTTCTGTT	CTCACCCATC	GCTCCTACAG
243151	AACGGGGGTG	GGGGGGGTT	GGTGGGGGG	GGGCTGGGGC	TTCACACCTG
243201	CCTAGCTCAG	GGGCATCTGC	CTGTTTATGA	GCAGTAAATC	ATTTTTTATG
243251	ACTCAGGGAA	GCTTTGTGCA	TTTAATTATC	CAGGGGAAAA	ACTGGCCCCT
243301	AACGTGCTTG	CCAAAGTAGA	CTCTTAAAGC	TGACCTAGGA	CAAAGTCAGG
243351	TAAAATGTTC	TCTTCCTGTG	TCGGGGGTAT	TTTAATTTCT	CTCTCTTCAA
243401	TAAATTGTGG	TTAAGGATTA	TTTTTTTCCC	AGCATAGATT	CTGAAAAATC
243451	CCTCCCTTTC	TCACCTATCC	AGTCAGCCCC	TCTGCTTACT	GGAAGGTTCC
243501	ATCTTTACCT	CCACATATTA	TGTAATGAGA	CCTTGTGCTG	AAAGTGCTGT
243551	ATTGAAGGAC	TGACTTTCTC	AATCAGAGGA	TAGAGGCAGT	TTTACAGCCA
243601	AAATAAATAA	GTAGATGGAT	AGATAGATAC	ATACATACAT	ACATATAAAT
243651	AAGTAAGTAA	ATAAATAAAT	AAAATAACAA	AGTACACTGA	ACAGTACATA
243701	TTTCCTCTAC	TTTGGAAAAA	TTACAAAAAA	TAATTTAAA	AGTTCCGACT
243751	GTCGTTTGAA	AAATGAACAC	ACTCCAAGCC	CGTCTGGATT	CATTGGCTTA
243801	AGAGAGGCAG	ACTGAAAGTA	CGCCATGCAC	CAGATGATGG	CAGAACAGAT
243851	CCTCCTTAAG	GACATTTATG	ACAGGCCAGG	CTTTTCGTTT	CTTTTCTTCC
243901	CTGCTGTCTG	TGTGTGTCTC	ATTACTGGCA	GTGATTTCTG	AAGCATCAGG
243951	CTTTTTCCAC	CTTTGCATAA	AGTTAATCAA	AGGCAGTCTC	TTAGTGGCCT
244001	TGAGCTGTTT	TCCATGTTGG	ATCGGATCCT	TGTCATGGCT	ACTCTGACTT
244051	CTACACAAAG	ATGCAGTTCA	CGGAAAAGCT	GTCGGTGTGT	TGTCAAGAAT
244101	TCCTTTTGAC	AGATAACTAG	GTTCTTTTAT	GAAAGCCATC	AAAGGAATCA
244151	GAGAATCAAT	AAATGCAGGG	ATTTGGTTTG	GTGTGAGTTG	GCATCATTAG
244201	TGTGTGTGTG	TGTGTGTGTG	TGTGACTGAG	AGTGTGAGTG	TTGTCAGTGT
244251	GTATGTATAT	ATGACTGTGT	GTGTGTGTGT	GAGTGTGTCA	GTGTGTGAGT
244301	GAGTTTGTGT	GTGTGAGCTT	TTTGTCAGTG	TGTGAGTATG	TGTGAGTGTG
244351	TGTGTTGTCA	ATGTGTGTGT	GAGTTTGTGT	GTGAGTGGTT	CAGTGTGTGT
244401	GTGGGTGAGT	GTAAGTGTGT	GTGATATCTA	AGACTGGGTT	TATATGCCAT
244451	GGTGCATGTG	TGGAGGTCAG	AGCAGAGGAC	AGCTTTGTGG	GTGGGCTCTG
244501	GGGACAGACT	CCAGGCCGTC	AGGTTAGGAT	CTTACTTTAC	AGCTGGCTTT
244551	ATTCACTCAG	GCATCTCCCC	AGCCCCTCAT	TCTTTCCTTT	GAGTTCAGAT
244601	GTAGGAAGCA	GATGTTTGTG	ATGGAGGAGA	CAGCTTTTAC	TTGAGCATGT
244651	TGCCCTTTCT	GTTGTCACAT	ACTGACATTT	TAATCTCGTT	TGAACTTCAC
244701	AGAAATCTTG	TGTCAGGTAT	GACCAGTTTC	AGAGCAGTTA	AGTGGCTGGG
244751	TCTCAGCACC	AAATGTGGGT	CTCTCAGTGC	CCAGTGGGGG	CTTCAGCCCC
244801	ATTGCGAAAG	CTAACTCTAC	CTCCTGGGGA	GCTGCTGTTA	AGCTGGGGTG
244851	TTTGGTTGGT	ATACACTGGT	AGAGATTCAA	AAATTCCCAA	ACTCATCTTA
244901	TATTCTAGTA	AACACACACA	CACATTATGA	ATTTTCAAAA	TTGGTTTTGT
244951	AGTATGAGAG		CATTTCTGAC	ATTTCCTTCA	GAAAGGAGTA
245001	TAGGAATTTC	ATAGGTCTTG	TTTCCCTGAA	TATTGAAGAG	CTGAGAAATT
245051	AAACAGTGAG	CTGCCATTTG	CTTTATTGGT	AATTGAACAC	ACTGCAGCTG
245101	ACATCAAAAG		TAATATTTC	CCCTGGGCGT	GTTGAGTGTC
245151	TTCTGCTTGT		AACCATTGAT	GGGAACGCCT	CTGCTTTAGT
245201	TTGAACTTCA		TTTCCTCTTT	AGGGGAAGTT	AGGTGTCGGG
245251	CATTATCTGT			GAGAGGAAGT	TGAATATCTC
245301	TGTCTGTTGT		GGGTCTTGAG	CCTATGGAGA	
245351	CATTGAGTAA		AGGAAAGCAA	GTTCCTTAGA	
245401	AATTGAATAT		CACAGAGAAT	TTGAAATATG	
245451	ATCCCTTGTC		TAAGGCAAAC	TGAAAATGAT	
245501	ACTTAAACTA		TCTTATTATT	AATTTATTGT	
245551	TAAGCAATTA				
245601	GGCTCAGGTA				
245651	ATAGGAGATA				
245701	CATAAAAAA		AGAGGGCATG		
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245901	GCTGAGATGC				
245951	GGGGACAAA				
246001	TAAGTTTATC	; ATTATGTGTG	GTAAACAAGA	. CATGGCATAA	ACCACGCITA
			CACCMCCCC		י תיכו אתיתי כיתי כי א כי
246051 246101	TCTATTGCAT			GTTATAGTTC TCCCCACTT	

246151	CTGTACTTTA	GGGCAAGTCC	CCCATACAGG	CTCGAGGTTA	ATAAGTGAAA
246201	GGAGATGCTA	GGCATAAAAG	ACATGGATTG	GTAACACCAA	TGAGATCAAA
246251	GAGGTAGGTG	ACAACCTGAA	CCACACTGAA	GACATTGAGT	GACAGTGGGG
246301	CTTTATAGTA		TGACAGTGCT	GGGACCCACA	
246351	CAGTACTTGA	ACCCCTGGGT	CTATTGACAG	TATCTGAACC	CACAGATATA
246401	TCTACAGTAC	ATGAACGCAC	AGGTCCATCG	AGAGTGCCTG	AATCCATAGG
246451	CCCTTTGACA	ATTCTCGAAG	CAACAGGTCC	ATTGACAGTG	CTTGAACCAA
246501	CAGATCCATT	GACAGTATTT	ATACTCACAG	ATTCATCGCC	AGTACTTGGA
246551	CCCACAGATC	AGTTGACAGT	TCTTGAGCCC CCATATTTGA	ATAGATCCAT ACCCACATAA	TGACAGTACT CCGCTGACAA
246601	TGATCCCTCA	AATCCATTGA	TCGACACTAA	TTGAAAGCAC	AGGTCCATTG
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246751	GTTGACAGTT	CTTAAACCCA	CAGATGCATT	GATAATACTT	GAAAGCACTG
246731	GGCCATTGAC	AGTACTTGAA	TGCACAGGTA	CACTGGCAGT	ACTTGACCCA
246851	CTAGTTAATT	GATAGTACTT	GAACCCAGAG	ATCCATCGAC	AGTACTTGAA
246901	CCTACAGGTC	CAGGTCCATG	TTGTCAAACA	CAAGCTAGTC	ACACACAGGA
246951	ATAGCGGCAC	CTGTGACATG	TTCTTACCCA	CACTCCTGTT	TCCTAACAAG
247001	GCTGAACTTA	ATGTCATAAA	CATCTGTGTC	TAATTACAGT	GAGCTCTGCT
247051	CAGCCACAGC	ATACATTCCA	AGGGCCTCTT	CTCCCACCAC	ACACACACAT
247101	CGGCTGTGAA	CTGTTCAAAG	TACCAATCTG	GCACACATGC	TGATTTTTTT
247151	TTCAGTATAT	ACATGTGATA	GTGTTAAAAA	TTTAAATTAA	AGACGGTGAT
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247251	ACCATAATAA	AACTTATGTA	ATTATGTCTA	CCTTGCACAG	TGTCCTGTAG
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247351	TGGAGATCAA	ATCCAAGGCC	CCATGCACAG	TAGACAAGCA	TTGGATCATG
247401	GGGTCACCTC	TATCACTAAT	TTTCTTTTCT	TCCTTCACAC	TCTCAGAAAC
247451	AGAAGCTTCA	TGGTTATCAT	AAATCGTACC	ATCCTCTATA	CACATAAAAA
247501	AGTAAGTTGA	AAACTTAACT	TCCCCCTGAA	GGATGCATGC	ATGGCTTCAC
247551	TTTTGCATTT	TGATTCTTTA	GCTTCCCTAA	TCTTGCATTT	GGGGCCATTA
247601	CTAAATTATA	AAATAAAAGT	TACAGGACTA	CAAACCATGA	CAGTGAATCA
247651	GGTGACCAAT	ATGGCTCCAG	ACTGATGGGC	CAGTAGCACA	TTTGTGACTT
247701	GTCCCCAGGG	GACTGAGCAG	TACATGAGAA	AACTTTATCT	TGCTATTCAC TTTTCCATGT
247751	AGTCGAATGC	AGTTTAAAAC	ATACAAATGT	TGTGTCTGGA	
247801	AATATTTTCA	AACTTGGTTA	GCTGTGGACA GAAATACGGG	ACTGCTCCTG GGACAGGAGA	ATAAGAGGGG TGATGTTTAA
247851 247901	TCCACTGTGG CACCATAAGA	TAGTTTATAG TGTAAAGCAG	TCCATTCCTG	AATATAGAAG	TTCTGTGAAA
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247931	AGGGACTAAG	CCAGGCCTAA	GGAGATTTAT	TAACTAGTTG	
248051	CCCTGTTTGG		ATACAGTCTA	GCTGTAAGAT	ATCCTTCTTT
248101	TAAAACAATA		GAATACAGTC	TGTGAGTTAT	TAAGGGATCC
248151	TTGATAATTT		TGACAATACT	GGAACGATCC	CTAACAGTTC
248201		GCTGTCTTAC	AAATGAATCC	AAGGGCTGCT	CAAGGTGTTC
248251		GTCCGTTATG	AGGTCCAAGA	CACATTTGTA	TATGCATGAA
248301	ATTGTCAACC		TAAGGTTGGA		
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248401	CTGGTGTTTG		CGTGAAGTTC		
248451	TACCACTGAC				
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248701	CGTGGCAGAA				
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マチングリエ	THITTELLE	. 1.0001001111			

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249351	GTGGTGGTAG	TGGTGGTGGT	GATAATGATG	ATGATGGTGG	TGGTGGTGGT
249401	AATGATGGTG	ATGATGATAC	ACCTCTACAA	ATGTTAAAAC	AAACATACAA
249451	AGTCCCCGGC	TTCCCCTAGG	CTGGAATTTG	CTTTGCTTCC	TGGCAAAATT
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249601	CCATCAGGGT	AGAGGAGTAG	CTCCCTTGCT	GGGTTCTTGC	TGCAGGCTGC
249651	CTTCTGCTCC	ACAAGATTTA	GTGAGAAGCG	GGAAAACACC	GAAGCTCACA
249701	GAAAGATCTG	TGCCCTTCGG	GTGTCTGACC	GGGTCTGTGG	AAACTGTACA
	GATGTTCCTA	ACATTGTTGT	GTCCTTCAGA	AATCAAGGCT	CTAGATATAG
249751	TCAAGATGAA	TGACAAAGTT	TTATTCATAT	TCAGGGACCA	GCGAGAACAT
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249851	ATATATATAT	ATGTATATAT	GTGTGTGTGT	ATATATATGT	GTGTGTATAT
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250001	TATCACCGCT	GAGCATCAAG	TCTTATAGCA	CACCAGATGC	
250051	TGTAACGACA	TAATCGCCAG	TAAGCCCCTC	CAGTAATCCC	ACTTTATAGC
250101	TGAGCTGTCC	AGTGACTTGC	ACAGGGATTT	ACAGTTAGGA	AGAGGCAGAG
250151	CTGAGTTCTG	GGAGCCCTTT	ATCTGACGCC	AGGGCCTCTG	CTTTCTATCC
250201	CCCGTGCAGT	GTCAGGGTCA	ACAGAAGGTA	ACAGATGTGT	AATCCATCCG
250251	GTGCCGATTT	GGTCTCTCAC	CACCTCTGTT	CTGTGTGAGG	ATCTCCGGTT
250301	ATTTTTCACA	TTTATAGCTA	CCCGGAGGTG	AATACAGGGT	AGAAGGGACC
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250451	AGGCAGGTAA	AGGCCATCTG	AGTGGATACT	CACTGCAGCT	ATGAGGAAGA
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250651	GGCACAACGG	CATGACAGTC	TTTCCTCAAA	GGAGTGATAC	TTTGACAACT
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250751	AAGCAAACAG	ACCACACAAC	CCAGTTACTA	TAAGTTATAT	GCCTAGAATG
250801	GGCAGATCTA	TCAGTATACT	AACTTGTTCC	CAGCTATCAG	ACTCCTTGCT
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250901	CCTCCTCCTC	CTCCTCCTCC	TCTTCCTCCT	TCTCCTCCTC	TTCCTCCTCC
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251001	CTCCTCCTCT	TCTTCCTCCT	CCTCCTCTTC	TTCCTCCTCC	TCCTCCTCCT
251051	CCTGCTCCTC	CTCCTCCTGC	TCCTCCTCCT	GCTCCTCCTC	TTCCTCCTCT
251101	TCCTCCTCCT	TCCTCTCTAA	GACCTCCCAT	CTCACCTTTG	CCTTCCACTG
251151	CCCAATCACA		TTATTTGACC	AGTTAGAATG	GGGAGAAGGT
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251251	GAATTAACAT	CATAATACAA	ACAGCAACAG	TGCAACCCAC	AACCTTCCCC
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251351	CCATAACAAT	CATGTAAATA	CAGTGTATGA	CAGTGCACTT	
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	GAAAGATGAG				
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252551			TGACACCCCT	GGGCAGGTGG	TCCTGGGCAA
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252651			CCCTGGCTTC	CCTCAGTGAT	GAAAGTATCC
252701			GGGCCTTTCC	TCCTCACTGT	GTCTCGTCAC
252751			ATAAGGACAT	TGTTTTACTC	TCAGCATCGT
252801			GGACATGTGA	GGACACTGAG	AACCATGGGA
252851			CCATGAGACT	GAAGACTCGC	TTTCCTGCAG
252901	CCTCCCTTCA		CACGGCTCTC	CACTCCTTCC	TTCTGTGGCT
252951	TCCTTGTATG		CGGTGGCCAT	TCCTTTTTAT	TTTTCTACCC
253001	AGCCCCTGTT		TGTGTCAACA	GAGAGTGTCC	TTTCTTCCCA
253051	GAAGTGCCTC		CAGGAAGCTG	CGTGTTCCCT	CCAAGCCGAA
	GCTGAGCAAT		GTCATTTGTT	TTCAGAGTCG	CTGGCTTGTC
253101			GCGAGGTGCC	TGCTCAGGCC	AAGGCCAGCA
253151	ACTAGAGTCA CTGCTTTCCC	CAGACTCACT	GAGTGTGCGC	AGCCTCGATA	CAGCAGGCCC
253201			GGAAAATGGG	TGAGGCCGGT	TACTTGTTGG
253251	TACGCTAGTC	AGAAAGAATT	TGATTGGCTT	GGGAAATTAT	AGAAAATGAC
253301	TAATTTGAGA	CAGAAAGAAC		GTACACATTT	TACTTTAAAA
253351	TAAGGCACAC	AGCCAAAATT	AAAATATCAA	CCAGTTCCTA	GGGATAAGGA
253401	AAAAAAGGTT	TTAAACTTTA	AAGTATACCA	GAGAGGCCAG	CCTGAGCTGG
253451	TGGAGGTCGG	TGGGAGGGAG	GAGGGAGACT ACCTCGTGTC	CTTGCTAGCT	CCCAGCTGGA
253501	TCAGAGGAGC	TCCGTGGATT		GATGCCTCGG	TGAACTTGGC
253551	AAACAGCATT	GGATTGCCCA	CATTATGTCA	GGAAGGAATT	TTGTAGGAGA
253601	TAAAACTCTG	TATCTTCAGC	ATTCTAGACA	ACAAAGCCAA	GATAGTCCAA
253651	GATGTTTATA	GAAAATAATA	CTGTAGAAAG	TTGTTGTTAT	TGTTATCTCT
253701	GTTATTATAT	TGTCGTTGTC	GTCGTCGTTG	AGAGATCTTA	CAGTAAATAA
253751	TTCACAAATC	CCGTGTGGGG	CTTTCTAAGT	CTGAGCCTGA	GCCTGCGCCG
253801	AAGTAGTCGG	AACTGTTTGG	AAGGAACACC	TGCCCTCTAC	TGGAGTTTTC
253851	CTTCCTGTCT	CCCCCACCGC	TCTGTGGCTC	TGCCCTCTAC	GCGAAGGATG
253901	TTTGAAGAGT	CATAAGCAGC	TGGAGATGGA	GTAGCCCATT	TGAGGAACAC
253951	TTGTGGAAGC	TGACCCAAGG	CCACAGAGTT AGAGCTCCTC	TGGTTAGACA	GTGCGCAGGA
254001	TTTACGACTG	CGGCTCCTGT	CACTCCTGTC	TCCTCCTCAT	CTCCCAGAAG
254051	TCCCTCCCAG	GAACCAATGG	ACAGCTCCGC	CAGGCGTGGC	CTAAATACTG
254101	CAAAGAGGTC	AGCTCGAAGT	CATCTGGAAT	TTCATGCTAC	CATATCCTGA
254151	TGTGGGGGTT	CACTTTGGCT	GAAATAGTGA	GGGCTTCACC	CATTCTTTTT
254201	CTTCGAGTCT	CTGCTTCTTG	AATCTGTGGT	TTAGTTCACC	AACTGTCTTT
254251	CTAGTTATTC	AGAAAAATGA	CAGAAAAAAA	TCAAAGTACT	
254301	TAGTCAAGAG	ATACTTGTGC			
254351	AAAAGCAATG	TGGTTTGTCA	GGCTTAGTCA		
254401	ACCATATTGG	CTCTTAGGTT	CCAAATTTTG		
254451	GATAAGAATG	ATATCCTGAA	TGGAAAGAGG		
254501	TCAGCAGCTC	CTCAAATAAA	AAGCATTGAA		
254551	GCACACACCC	TCACTAGTCC	TACAAATAAC		
254601	CGCCACTTCC	TCCTCCTCCT	CCTCCTCCTC		
254651	TCTTTATTCA		CCCAGCTACC		
254701	ACTTATAAAA		ATATGAATAG		
254751	TAATATGGAA	ATCCTCCGAA	AACTAAAACA		
254801	ATGAAATAGG		AGATGTCTGC		
254851	TAGCCAAGAG				
254901	GATGCACATA				
254951	ACTGTCTCAT				
255001	GTAGAATGGT				
255051	CTGGTCCAAC				
255101	TTTAATAGTT				
255151	TCAAATGTTA				
255201	ATACATTTAT				
255251	ATTAATAATA				
255301	AAAGTAATGC				
255351	TGAGACTTTC				
255401	TGCGTTAATT	TGTAATAGTT	TGAGATTCT	G ATAAGAAGT	I TAATTITAGA

255451	TTAGAAATAC	TCATGAGAAT	CCTAAGATGC	TGCTAACCAC	ATGTAAGTTG
255501	GCACAGTTTT	TCAAAACATT	TCTCACTCTA		GAAAAGCTTA
255551	GAGAATAGTT	CCTATTTGAA	GAACGGACTG		AGCCTGGTGT
255601	CACAGTGAAA	GACTCAAGGG	GGGTAGCCTG	GTGTCACTCA	AGATAAAATA
255651	CAGAATTCAG	GGACCTGGGC	CTTAGAAATC	ATGGGGAGAA	AAGGAAAGAG
255701	AAACTTGCAG	AAAGGAGGCG	AGAGGATGCT	GGAGGCTCCT	CCCTATTTCA
255751	TACCATGGCC	TTGGCTGGAC	CTCTCTATGG	GAAGGATTCA	CATCTCACTG
255801	CTTTCTGTGT	TAAATCATTT	ACACCCGAGA	ATTCCAGCTA	ACACCTGCAA
255851	TGACTAGTTT	GAAGAGTTAA	ATAGTAGAAA	TGAGTTAAGT	AGTAAAAAGT
255901	TGCCCACCAT	TGATATTGTC	TCTTAGGGGA	GTTTAAAGTT	ACACACTAGC
255951	AATTTTTACA	ATGTCCACTA	AGAATTCCAA	GGTTAGTAGT	TGTAGCAATT
256001	GCTGTTTTAG	TGACTCCAGT	AGCAATATTT	TCTATAAAAC	GGTTAGAAGT
256051	TAATATATGT	GAGATGCCTA	TCCAGTTATG	GGGCAGTGTT	GTTTAAGTCA
256101	TTAAAGCGGA	TGCTTCATTA	TTAGGTATCT	AGGTTTCTGC	TCCTTGCCTA
256151	TAAACCCAGA	AGGGTGGGTC	TTGTTCCGTG	CCATTGTCTG	TGGTGCCTAG
256201	AATATAGCAC	ACTCAGGAGA	CGAATATTTA	TTACATGCAT	GAACAAATGA
256251	ATGAGTTCTG	TTTATGGTTG	AAGGTCTGGA	AGGCTGCACC	TGTGGGCGCA
256301	TCTGAGCAGT	TTTACCCAAG	CCTGAGTTTT	TCTTCCCGAA	GCCCGCACTC
256351	ATCTGTATGT	TTGACTCTGT	GTGCAGTGCG	AAGGTCATTC	TGCGCTTTTA
256401	CATAGAGAGA	AGACGCGCCC	TACGTTGGCA	TTTTGTCGTC	GTTTATTTCC
	CTCATGTTCA	ACAGTCACAT	TTCATCCCGG	ACACCAGCCA	GAGGCTTCTC
256451	ATTCAGCTTC	TTTGAAGGGC	AGCAACACTC	CGCAGCCACT	AGCTAGCATG
256501	CCTCTCCAAT	TGCTTTCCAA	CTCCCAGTGC	TCATCCCTCT	GCCCAGAACA
256551	CACCAGCTCC	GCTTGTCCTT	GAGCTAAGAC	AGAACGGTTT	CTTCTCACCT
256601	TCCCCTGCCG	CGGTCAGCCT	GCTCCTTCTT	TTCCCTTCCC	TTCTATGTTT
256651	CTCTTTCTGG	TTTGTTTGTT	TGTTTGTTTT	GTTTGTTTGT	CTAAAGCAGC
256701	CTATATATTT	CTAGTTCAGT	ACGATCAGTT	CTTAGAAAAC	CGATTTCCCA
256751	AGCTTGCATA	GAAAACCAAA	AGCTATGCTC	AAGCGTGGAC	TCGAGTCTAA
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257001	TCCCAGGACA		CAAGAATTTT	CTGTGTAGAT	GAGGGGTAAA
257051	GTGGAAAAAG	CAGCCACATC	TCTGGGTCCA	GTGTATGTGA	TCACAGCAGT
257101	TCTAGTCTAC	TTAATAGATG	GGGGCGGGG	GAGATTTTTC	TTTGCTTTGC
257151	TTTCTAGGAC	TTTTGTCGCC	AAAGAATTAA	AGAATTATAC	CTTAAAAACT
257201	CTTATTGAAA	GCTAAGCCAA	GCCACTGGGA	GGATTTGATT	GTTTGTTTGG
257251	TTTGGTTTGG	TTGTCTTTGT	TTCGTTTGCT	CTCTTTTTCT	GTCATAGTAA
257301	AGTTTCTGTA		TTTTGCAGGG	CATAAACAGA	ATTGTGGCTT
257351	TTGTTTTTGT	TTTTTCGAGA	CTGTTTCTCT	ATATAACCCT	GGCTGTCCTG
257401	GTACTCACTT		GCTGGTCTTG	AGCTCAGAAA	TCCGCCTGCC
257451	TCTGCCTCCC	AAGTGCTGGG	ATTAAAGGCG	TGCACCACCA	CGCCCGGCCT
257501	AGATTTGTGT	TCTTGGGCAG	CATCGTCTGT	GTCAAACTAC	TGCGTACACA
257551	ATTCATGTCT		ATCAGTAAAA	TCACTTTCCT	TGTCAAGGTT
257601	ATCTTCATTT		CTTTATCAGA	TGTCCTTATT	TCCTAAGGCC
257651	TGGGACAAGA		CAGGGTCCTA	CTCTTCAGAT	TTATGGTTCC
257701	TGTGGTTTCT		AGCCTCGCCC	CTCACAAATC	TCTTTTGTAG
257751	ACTTGGCCAC			AGACCTGAGA	
257801	TCTCCCTGTG		CTGGCTGCTT		
257851	GTACATAGAA				
257901	CATCTGGCAT				
257951	TCTTGATGAG				
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258051	GGGGAACTCG				
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258251	GTACAAGGGA				
258301	AAGATGCCAA				
258351	TATGGGGACA				
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258451	GCATGTACCT				
258501	GTTGACAGAZ			G CTTAGCAGCT	r aggaagctgt

258551	TGAGTCAGGC	CGCTGAGCTG	TTGGTCTCGT		GCCGTGGGCA
258601	TTCCCCACCC	TATCTGGAAA	AGGCACGCTT		TGCAAGAGAC
258651	ATGCAAAGGG	TACAAAGAAA	GGTATTTGAC	TATACCAGGG	GTAGATGTGT
258701	CTTTGTCATG	CCCCTTGGTC	TTCCTGAGAA	GGTGAGAGAC	AACATGACTC
258751	AGCCGTTTCT	CAAAGGGAAC	TTTTGTTTGC	TGAGACTTGC	CAAGCAAAGA
258801	TTCCGTCATC	CCTATTGCAC	ACATCCTTTC	CCAGACCCTT	TAGCACCAGG
258851	ACTGACCACC	TCCTTCTGGT	AGGAGTGGGC	GCTTCAGGGA	ATGGTGATGG
258901	TATCACAGGC	CTGTTTAGCC	ACAGCCTTTG	TTCCGTGTCC	TGAGGGCTTC
258951	TGAGAGAGAA	CTCTTGAAGC	TTTCAACAGC	CAGCCTCTTT	TCCTGTTAGA
259001	AAGGTTCCTG	GGGGAGGCAC	GGAGATAGCA	AGTCTGGTGT	CAGTCTGGAA
259051	CTCTCCTGCA	TTAGCACTTA	AGGGAGAGAG	AGGCTGAGGT	GTCGAAGCTG
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259151	CCTCAGATCC	TTCGATGGTC	ATTGTTGAGA	TTGATCACTT	GTGGAGGTTG
259201	ATCCGAGCAT	TAAGTTCCGA	GGAGAGGCTC	GAGTTATGCC	CTCCTTGCAC
259251	ACACAGGTGC	ACAGACAAGA	TCATTTTGTC	TTGTCCTCTT	CCTCACATGC
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259351	CCGTGGGACA	GGAATAGAGG	AAACTCCTTG	AGGTCCATCC	CACAAGAATC
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259501	GGGGTATCTG	GTTACCTGCA	GGAGGCCCTG	TGTTCCAGCC	TGCCTACCTA
259551	CATAGAACTA	ACTGCTCAAG	AGTAAGGAAA	GAGATATGTT	CCATGTGCAG
259601	CATGTGCCTT	GGCAAGAACA	GTTCTCTTTA	AGAGTCATTC	CACACTTCTT
259651	TTAGCTAAAT	ATCTAAAATC	ATCCAAAAAG	CCCCCACGTA	CCCCATCTTG
259701	CCAATAAATA	GTAAGTCTTC	ATTAAGGAGC	TCTGTCTCCC	TGGCATTCTG
259751	AGAAGCAGAA	GCCCCAAATT	ACTTCCAGCT	GAAATGGAAA	ACAAGCAGAG
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259851	GTCTGTCCCT	TAATCAGCAG	AGCCGTTAAA	CCCATACCGT	ATTAGCATAA
259901	CACGCAGATA	TAGTTGAGGG	CATTGCTGTT	GCTATGGAAG	ATTGTCCCGG
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260051	CACTTGGAAG	GGGCCCTGAA	CCCAGGGACA	CAGGCAGTCT	CCAGAGGCCA
260101	GAAAAGAACA	AGCCCAGGGA	ATCTCCATAG	AGCCTAAAAG	GAACACCATC
260151	AGCTGATGAC	TTAGCTGACT	CAGCGAGTCT	CATGTCAGGT	TTTTGACCCA
260201	CAGGACTGTC	AAATAATAAA	ATCGTATTCT	TTGGGGCTGT	CTGTGGCTGA
260251	TAGTTATGGC	AGCAATAGAA	AATGGTATTC	CACTCACATA	AGATACTTTT GAAGTTTATC
260301	AAAAAAATGT	TTGAAGTTTA	TCTGTGATGC	GGAGATGTTT	AGATATCTGG
260351	TGTGATGTAG	AGACAACAGC	AAGCCTTACT	GGTTGATTCC	
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260601	ACAGTTAAGA		CTCGCAATTA	GAGTGTCATT	CCTCTAATTC
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260701			CAACAGTTAG	GAACCCACTG	
260751	AGGAGGAGAT GAGGGCCCTA		TCCCCCAGCT	TGCCCATGGG	GTGTGCTTGG
260801 260851	TCTTTCCTTA		CTCTCTGTGT	GCTGTATGGT	GGTGGTAAGC
260901	CCCTGCTCTC		AGAACGAATG	GCTTAGGACT	
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261751	CAATTCGTAA			GCTGTGGCAA	CTGCTGGTCA
261801	TGAGCTGACT		AATTTTCCTG	CTTAAAGAAG	TTTCCTAGTA
261851	CACATTTTTT		GGCTGAATAT	GTCAGTTCCC	AGCAGACAGG
261901	TGTAGCTTGC		ACAAACAGCA	GACTTCCATG	TGGTCACTGT
261951	GTGTTCCAAG	TATCTGCTGC	TCAGCAAGCG	AGTTGCTTTT	CTCCTCTCTG
262001	CCTCTCTGGA	GTGTAATGCT	CTTCACAAAT	GTCTGCTCTA	GATGCTTCTG
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262151	TTTGTATGTG	GAATAAATTT	TCCATGACAT		AATAAGTATT
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262251	TACCTGTAGT	ATTTATAAAA	CTCATCCCTG	CCCCTACCAA	AAGAATAAAA
262301	AAGTCTGGTG	GCTCCAGAAA	ACATGGCAGC	TGCCTTAAAA	GTAACCATGC
262351	CACATTTTGT	TATGACCCAG	GGCTTCCCAG	TTCTGGCCCG	CTCCTCTCTT
262401	GAGCGACTTT	GCAGGTGGGA	TTAAAACAGA	CAGAAGGACC	TGTGGCTTCC
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262501	AAGGACTTTG	CTTCTGTGGA	ATGAGAGAGT	GTTCATGCCT	AAAATACTCA
262551	ACCTGTTTTG	GAAAGAAGTG	CATACCCAGC	TGAGGATGTA	GCGGCCATTT
262601	TTATATTGCC	CTCCTGATCC	TGTCTCTTTG	GAAAGTCCAT	CTGAAGACAA
262651	CTGTGATCGG	TCACAGACCT	GATGTATGGA	TCAGCTTTGT	GCGATGCTAA
262701	TGAGGGCACC	AAATCACAGA	AGGGCGCTGT	CTGGTCTGGG	TGTGGACAGG
262751	TGGCCCAGCA	GTGAAGGGCA	CTTGCTGCCT	TTTCCAGCAC	CCACTTCCAG
262801	GGCGCCCATA	ACTGCTGATA	AACTGAGCTG	CAGGGGATCC	GACTCCCTCT
262851	TTCAGTCTCT	GTAGGCATCG	GCACACATAC	ACACAAATAA	AAATAACAAA
262901	GATAAATCTT	TAAAAATCGC	GACTTCACAG	CTTTACGGGT	TCAAGTTCGA
262951	ATGGAATAAG	AGCTGCTCTC	CTGCCCCCAG	CTGACATTCA	CGGCACAGGA
263001	AGAATAGCAA	TAATAGGCAT	GCGTACTAGG	ACCAAGAGGT	TACACCTCTA
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263151	TAGAGAGGGA	ACAGGGACAC	TCCGATTGGA	TGTGGTGCTT	ATCTGCAACG
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263251	CTTTACTCCA	CCCCCCCAC	CCCCCCACCC	CCAGATTCCT	TAAGATGCTG
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263451	CTGGCACCGA		CAGCAGGTCA	GACACGGCTT	
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704/0T	CAMMAGIGI.	. MAICHCEACE	. CIGITICHII		

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264951	ATGCCCTCTT	CTGAACGCCA	CAGGTACCAT	GTGTCTGTGA	AATTTTATAT
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265201	GTGATCACGC	TTGCTTTTCT	TATTTGGTGT	TGTACAGGAA	GTTATTGATT
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265351	ACTTCAAGCT	TCACTATGAC	CCCTTTGGCA	TGAATGTGAT	ATTTTTTATC
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265751	TTTACTGTCT	TGAGCTTCTG	ATGCGTGTGC	TAGCTAGAGT	GCACTATAGG
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265851	AGTGGTAGAA	TCAGGGCAGG	ACCTGAGGAC	TTTCATAGTC	TGGGTTATCT
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268351	GCCACCTGGG	GAGTTTAGCA	GTTTCCTACT	GAGCTAGACA	TAGCTTATAC
268401	TTTGTGACCC	CAAGTGCTCC	CTACCCTTTA	CTCAAATGCT	AAAAGCATAT
268451	GGCCACACAA	ACACTGACAC	GAGAATGCCT	ATAGTAGCTT	TATTCACAGT
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268701	GATCGACTCT	TGAGCTGACT	CTTCATTGCT	GTGACGATAC	CAGAAAGCAG
268751	GGTGAAAGTT	CAGGGAAGCG	GGTTCCCTGG	ATCCCAACTT	CCCATGGTTG
268801	GTTGTCACCA	TTGCTTTGAG	TCTAAGGCAA	GGCTGAAGCA	TTGTGGTGGG
268851	CGGTGTGAGC	GTGGGGCAGA	GGTTGCTTAC	TTCATGGTAT	CTAGGAAGGG
268901	ACAGACACAT	CCTTATTTCC	TCCCGTCAGT	GCACTGAGCC	ATGAAGTCAG
268951	AGCTCAGAGA	ACCCAATCAC	TTCCCCCGAA	CTCCCTATTT	CTGATCTCTG
269001	CTATGTGAAG	TGAACAGTGA	GATGCTCAAC	ATGTGAGCCC	CCTGGAGGCT
269051	CACCCTTACA	TGCAGACAGA	ACTGTGGCAT	TCTGGGAAAA	GCAAAACAAT
269101	AGAAATAATT	AAAAGGCTAA	CGTTTGCCCA	GTGTTCAGGA	AGGGGGATAG
269151	AGGGTGCCTA	GGTGAAACCC	TGGATATGTA	GAGCAGAGAA	GCCATTCCGT
269201	GTGACACTGT	AATAGATCCA	GGGCACTGTT	TGTGTCCGAA	CCTACATTGC
269251	ACAGCACAGA	GAACATGCCT	TTACATGATC	TGCGGATCTT	AATAAACAAG
		GAAAGATTAA	ATAGGCTAAG	CATAGATAGG	ACAGACCTAA
269301	CCTGCTTTCT		GTGGGACCAT	CTATGAGCAT	AGTTTCTATT
269351	CTCCCTAGCA	CACAGTGGTG	CACTGCACAA	TGAGAGATAA	CCACCCTTTA
269401	TGTGTTACCA	AAAATGGCAC	GGGGCGTAAT	GTTCTCTCAC	TGGCCAAGTT
269451	CGGCCAGAGA	TGGGCTCAAA		GCAAACTAGC	TTGTGCAGGA
269501	AATGATAATC	TGTGGCCCAA	ACCAAGGAAA		AGTCTGGGTC
269551	ATTTTGGATT	TGTAGACACT	GTGATTTGTA	GCTGGTGTGA	CTTGAGTTGA
269601	TGGACTTGGT	TAGTCACCGT	GCACTTGCAA	AAGACTGCAT	
269651	TCTTTCCCAG	ATCCAGTACT	GTTATGTAAA	AAACTCACTT	TAATCAAGAA
269701	ACGGGTCCAA	TACAGTATCC	TTATTTGTCT	GCTTGAAGTT	TCTCCTCTTT
269751	TGTTTTAGAG	GGCCTTTGTG	AATGATGCCT	GGTTTTGTTT	TGTTTTGTTT
269801	TTTGGTTTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGCGTTT
269851	GTTATTGGTA	TTTTTTTTTT	GGCATGGCTT	AAATTAATTT	GGGAAGAAAA
269901	GATAGGTATT	ATGAATGTGA	ATGAAATGCT	AAATTATGGG	AGAGTTCTAA
269951	AGCCTTAAAA	TGGTACACAG	AAAACCTCGC	CAGCACCTAA	
270001	GGGTTAAATA	GTTACATAAA	AAGCAACCTA		
270051	TGCGCCAAAG	TTCCCTTCTC	CCTGAAAAGC	TAAGAAACTT	
270101	CCCCATCAAC	AAAACCTCGC	ATCTGCTGCA	GCACTGTGGA	
270151	AGCCTACAAT	AAGTAGACTT	TGAATTTACA	GCGCACTTAC	
270201	AAGTAATGCA	AATGTTACAT	TCTCCACCTT	CTTGCTTGGT	AGCTTCTCTT
270251	AGCTCATTTC	AGAAACGGGA	TTATAAGCAA	TCAGAAGACA	CTGGGCCAGA
270301	CACTTCCTCT		GTATACACAC	TGTCTGTGTG	TGGATGTGTG
270351	CATGTGTGTA		CACCTTAGAA	GTTGGCTCTC	TCCTAACAAC
270401	ATGGGGGTCC		ACTCAGATCG		TGGCAGGCGC
270451	CTTTACCCAC		CTTTATACAT	TAGTGCCTGT	ACGTTCTCAC
270501	CCATCCACAT		TCTGGGAATT		
270551	TTTTCTTTCT		TTCTTTCTTT		
270601	CTTTCTTTCT		CTTTCTTTCT		
270651	TCCTTCCTTC		TCCCTTCCTT		
	1001100110		CCCTTCCCCT		
270701	ጥጥሮሮሮሮሞጥሮር	י כיוטידעריריריריושוירי			
270701	TTCCCCTTCC				
270751	ACCACCATCO	: ACCAACGCAC	GCCGCAGCCA	AATACAAGCA	AAACGAAGGA
270751 270801	ACCACCATCO AGAAACGAAA	ACCAACGCAC CACAAACGAG	GCCGCAGCCA GAACCCGAAA	AATACAAGCA ACAGATGAAA	A AAACGAAGGA A CTCGGAGGCA
270751	ACCACCATCO AGAAACGAAA ACACGCCAAC	ACCAACGCAC CACAAACGAG	GCCGCAGCCA GAACCCGAAA CCAAGAATCA	AATACAAGCA ACAGATGAAA	A AAACGAAGGA A CTCGGAGGCA C TCTACTAAGA

270951	ATCCAAGGAA	CCACACATAA	AATGGAACGT	AACAAAGACG	GATTAATCAA
271001	CAAAAAGACA	CAAAGCGACC	CGAAAGGGTC	TCAGAACCCG	AACTACTCAA
271051	CTATGAGAAG	ATGACCAAAC	CCACCATAGA	TTTATTGCAG	ACCGACAACC
271101	AGGCGACAGA	ACCACATCGG	ATGATCAGCC	ATAACAAAAC	ACGGATGAGC
271151	TAAGTGCATA	CGGAATACCA	CGGAAACAAT	TCGCAAACGA	CGGCCTTCAG
271201	ATGACGAGGA	AAGCGGAACA	CCACTACCGA	ACCTGGCGTC	TATGAGAAAT
271251	TGACGAGCAC	TGGCATCGAT	AAAAGGATCA	GGATACGATC	TCACCTAGAA
271301	CCGACATCAA	CCAGCCTACC	TTAACGGACC	AACCAATGGC	AAAAAGGGGT
271351	GGAGCGAAAT	CTAATACGGT	CGCGCAACAC	GCATAAGCGC	AGAGTAAACC
271401	GCGCCACAGT	CCGCACGTGA	ACGCCGACCA	GAGCGCAAAA	TAAATTGATT
271451	CAGCAACTGA	ACGACTATCA	AATACAATAC	AAAACACGTA	TCCGAGACGA
271501	GACCAGCAAC	GATCAGATCA	GCGCACAAGA	GCGACTGACA	CCGATACGAC
271551	CAACGCTAGA	CAACGTATGC	GCTCAAACAG	TACGCGACGA	AATAACCAGC
271601	ACCGTGTGAC	GATGTGAGAC	TCCATAGATC	CGGATTATGC	ACCGACCTTA
271651	ACGCGCAATA	GACGATGTCC	GAACTACTTG	ACTGGATCAC	GACTGGGTGA
271701	CTCACCCACA	CATATCTCAC	ACGAGCACAG	ACAGTACGCA	CATGACACTA
271751	GACGTGCACA	GCTCAGTATA	CATCTAACTG	TGCTGAGCTC	TCGATCTAAC
271801	TATACGCACC	TACTCAGACA	GATCGACGXX	XXXXXXXXX	XXXXXXXXCT
271851	TCCCCCTTCC	CCCTTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC
271901	TCTCTCTCTT	TCTTGCTTTC	TTGCTTTCTT	GCTTTATTTT	AATGTCTGAC
271951	CTCTGTCACT	ATTCTGAGTT	GAGTTTTCTG	GCTCATCCAC	AGTGTGATGC
272001	ATGAAGATCC	CAAATCCAAG	AAACCCTCAG	TGGTCCAAGT	GCCAGCAGAG
272051	AGGCTCCCAT	CCCAAGATGG	CATTGAACTG	GGGTCCTCGG	ATGTTAAGGA
272101	ATCATTGGCC	TGAGGAGGAT	GTGTATCTGA	GCAGTGTAGG	GGGACAAGAC
272151	GAGCTTAGAG	TGGCCCAGGC	AAAGTAGAGA	AGGTGTTAAG	AGTCTGGGAC
272201	AGATGGGTGG		CAGAACCTTC	CTTTTCTCCA	GATGCTGTTA TCCAACAAAA
272251	TCCCAGGAGA		GGAACCAGAG	GAGGTTGCTC GGCAAGTGAG	GGCAGCGGAA
272301	CACAAATTGA	GGGGTAAGGA	GACAGTGAAG	GTTTCTCTGC	GGCTGGCTGA
272351	TTGGTTGTCA	TAGCCTGGTG	GCCTGAAGAG AGGCATGAAG	TGCAAGCCAG	GCTTCAGTCC
272401	GTCCATGTTG		TCCCTGTCAT	TTAGACGGGA	TCCAATTTCT
272451	TGGCTGTAGA CTGCTTGAGC	AAATTGTTCC	TGCTAAGGAT	GCAGACTCTG	CTAAGGGCCA
272501 272551	AGGCCTCCGT	GGAGTTGACC	CGACCTCGCA	GTCTGAAGCG	AACAATATTG
	GGGGAAGAGT	GATGACTAGA	TTCTCTGATG	CCCCTGAAAT	ACAGAGGGGT
272601 272651	CAAATGGGTC	CATTGTGACT	GTAATATAAC	TTGTTTGGGA	TAATCTGAGC
272701	ATACTTCCCT	GTGTCCTCAG	GACTCCCAGG	ATCCTGATCC	TACAAGACAG
272751	GGATGTGAGG	AGGAACATTA	GCAGGGAGGA		AGATCTGCTA
272801	GGAAGGAGTG	CATACAGAGG	ATGGGATGAG	GACCAGAAGC	CACCCGCTGA
272851	CAGCAGTGTT	CCCGGGCATC	TGGCAGAGAG		GCCCCTGGGG
272901	AACTGAAGAG	AAGACAGGAG	CAGATACAGA		GCTACACAGT
272951	ACCCCCAAAT	GCAGTGGGAC	CCAAAAATTG	ATGTGAGAGG	TGGCTGACTT
273001	CTGAACAGCC	TCACAAGGTC	ATAGGGCACA		CGCCTTCCAG
273051	TTTTGATGCT	GTGATGTAGA	GACGGCACCG	GCAAAGAGCT	GCAACAAGAA
273101	GGAACAATTA	GCCAATTCAT	TACGTTGACA	TTTCTGGCCA	CAAGGTCAGT
273151	ACTTTACAAA	ATAGGGCCCT	TTCCCTTAAT	TGGGGTTGTG	ACAGATAAAC
273201	GTGTGTTCCC	ATCTGACTCA	CGGTGTCCAT	GTGGCCAGGC	CCTATTATCC
273251	CCACTTGGCC	TGCCCTGTCT	GTGTAAGAGG	GCTTGTTCTG	TGTACCACTC
273301	TTGGCATCTC	TGTAAAGGAT	TCAAACGGAG	TCAACACAGG	GCCTGCTTCC
273351	TGTTCTTCAG	CCAGAAGAGA			GGAGAGCCGG
273401	CAAACCTTGC	TGGATCAAGA			
273451	GTCATTTAAA	. AACCACAGTT			AAGAACTCTG
273501	GATACCAGTT				
273551	TAAAAGGCTC				
273601	CAGTGTGTGA				
273651	CACTTCTGGC				
273701	CACTGTGCTT				TTGGTGCCTT
273751	CCTTTAGATC				
273801	AGCCCGGGAC				
273851	TTTGAGCAGG				
273901	TGCTTATTAA				
273951	TGGCTTAGAC				
274001	CCAGACACGC	: ATGGCGTTCT	CTCTCTCCGC	C GCTTGGCTGT	' TGATGTGATA

274051	CGATGGATGA	GTCTCTTCAA	GTTCTGACCA	GTAACTTCCC	TGCAGTGATG
274101	GGTTATCATG	GATGGAGAAC	AAAAGCAAAC	CCTTCCTCTC	GCGCGGTTCT
274151	TTTAGCCGGG	ATATCTTACC	GCACAGCAGA	ATTGAAAGTC	GGATAAGCAA
274201	GTGAAGCCGA		TGTCTGGCAA	GGAAAGCAAT	GCCTTTCTTC
274251	CTGTGTATAG		GTGGGCTATC	CCAGGCAACC	AAAGAAGAGC
274301	CGCTGCTGAA	AAACCGATCT	CAGCACACAG	CATAACGCCT	TTTGTAATTG
274351	GTTTCCCCGA	AAAGTACTTT	TGAAAAGTAA	CGGGCCAAGA	AAACGGCGGA
274401	ATTAGCTGGA	TTATTTGTAG	CCCAGACCCC	CGTGGGCTCT	GCCTTTCTAG
274451	CCGTGTGGTT	CACACTTTGA	CTTTTGCATC	CCCTGGGCAT	CTCCCACCTG
274501	ACACATTCAA	ACATACCTCT	CAGTGTCACT	CCTACGTGCC	GCTCCTGCAT
274551	GCAGCCTTCT	CTGGGTTATT	ACCACATGTG	TTTGAGTACA	CATGTGTATG
274601	GTGCATGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
274651	GTGCCACTCT	GCGCATATGA	AAGTCAGGGA	ACAGCTTCAG	TCCTTCTATT
274701	GTGGGTGGGA	TTGAACACAG	ATCATCCAAT	TTGCCCAGAT	AGCACTTTTT
274751	TACTTGCTGA	GCCATCCCAT	TGGCCCAGCC	TTCTCCATTT	CAGTTCCAGC
274801	AGTGGGAATA	GCAGTTACCC	AGTTACTCAA	ACTAGAAGCT	GGGCAGCCCG
274851	AGACTCCTCT	TGTCTTGGCC	AGCATTTAAC	CCATCAGCCT	ATGTCCATTT
274901	CCTCTCGGTA	TCTTCACACC	CAATCTACTT	TTCTGTATAG	CTCCTGCCCC
274951	CATCTTGGGT	CAACAGTCAA	TTTTCCCCTG	AAGTGACTTT	CTAACTGTCC
275001	CTCTGGCTCT	ATTCTTGCCT	GACTCAAGGC	CAGAAAGCCT	GCAAGGAGCC
275051	ACGGAGTAGG	AAACCAACAT	CCATCCCTAA	AGAGGTTCTC	AGCCCCGGGT
275101	CCAAGTGCAA	TGCTCTGTGC	AGGCATCCTT	GGGCTTTGCT	GGTTCAGCCG
275151	CATGCACTGG	CATCCCCTTT	CCAGCTTACT	CTCCCAGTTA	CAGACAGAAT
275201	CGTGTTTGCC	ACCTAGAAAC	TGGGCCATGC	CTCTTGTTCC	AGTCTGACCC
275251	TCATCGCTGG	TCTTCTGAAG	TTTTCTGTGC	CCTTGAGCTC	CAAAGCAGAT
275301	CCCAGCCTCA	TCCTGTCTGC	AGTTCCGTGC	CGTGTCTTTT	CTGGCTCCGT
275351	TCATTATCAA	ATCGACATTA	ATCAGGGCAG	CAGTTTTGCT	TTGAAAACAT
275401	GCTCTGGAGC	AGATCACAGA	ATGTAAGCTC	CCAAAGAAAG	CTCAGAGACA AGCGAGTCTG
275451	TGGCTTAGTG	CCGAGGCCAC	AGATTGAACC	CTTGGGCTGC TACTTAAATG	TGTGTGAGTT
275501	TACACAACAT	TTTGCTTGGC	TTACATAGCA TCATTGACAT	TATGTAAAAC	TAAGAGATTT
275551	TGTTTGTTTT	TTTTTTTAAT	TGCCCATTAT	CCTGGCACTT	GGGAGGTAGA
275601	TAGCCAATGA	TGGAAGTGCA TGTGATCGTA	ACCAGCTTTG	GTATATAGGA	AGGCCAAGGC
275651	GGCAGGAAGA CAGTTATGTG	AAGCTCTATC	TCAAACAAAA	CAAAACAAAT	CAAACAACCC
275701 275751	AAACAAACAA	AACCCTAAGC	ATAACCAAAC	ACACACAAAA	TCCAGAGAGA
275801	TTTTTTTTTT	CCTAAAGTAC	AAATCTGTGG	CTTTCTTCTC	AAAGATGCAA
275851	TGTGGAGATA	TTGGAAGTCT	CTCGAGGGGC	TACAGTTAGC	TCCTCGCAAG
275901	CAGCAACTGA		GACATGTCCT	TACGGGTTCC	CCTCAGTCCA
275951	TGTGGATCCA	CATTTACACT	AGTTTATACT		CCATTGGAGA
276001	TATTTGCACT	TGCAGTTTTT	GGAGCTCGTT		ATTTTACAGA
276051	CGTGAAAGGT	GAGCCCGGAA	GGTGTCACGC		
276101	CTAACTCCTG	AGTCTCTTAT	CTCTGTATTG		
276151	TTGATAGTCT	CCCCACTGCA	CCTGCCAGCT		
276201	TTGTTTTGTAT	TTGTAGCCCC	ATGGAACCTA		
276251	CAAGATGACA	TTCTAAGAAT	GCACTACCCT		AAGACTATCG
276301	CCCAAGTACA		AAACGGGAGG		ACAGACAAGG
276351	TAAATCTGGA		CTCCTGTGGT	ACTGGAGGAA	GGTAGGGGAG
276401	AGAGCTTGGT	TGTTCTCATC	CTATTGACAT	GCACTTGAAT	' ATATAGACAG
276451	CTAGGAGTCA	GTGAAAGAAG	GGTGAAGTTT	TGGCATCTGT	ACCAATATTG
276501	TTATCCCTTT		ATTACTGTGG	ACTGTGCCAT	TGCTAAGCAA
276551	AAGGAAAACT		GTTAATGAAC	AATGGCCCTG	
276601	AGGAGTTGAG	AGACCTGTGT	CGCAGACCCT	AGAATCTTAT	
276651	TCCTGGGTCC	TTTAGTGAAG			
276701	CTCAATGACT				
276751	GAATCATCAC	TATGCCTCTA			
276801	GCTGGGATGA				
276851	TTTTGGTTTG				
276901	ACAGAAACAG				
276951	GAGAGTGACT				
277001	CTTCCTCTGG				
277051	CAGTGTCACC				
277101	ATCTCTCTCA	GTGAAGCCAC	CATACAAGC	r TACCCCATG1	r CATGATTGAC

277151	TCTAGACTTT	ATCTGCCCTG	GCAACCATAA	GCTTCTGTAT	
277201	GAGGCGGGAC	ATCTGTGAGG	AAGAAAGGCA	TGATAGGACA	
277251	GAAAAACAAT	GGGTGGATGG	ATACATGACA	GGCATTCGCC	CTCTGGGGTC
277301	TGTTTTATTA	GACCGTTCTC	CTCTTCCTTG	ACCATTGGAA	ACCTGAAATG
277351	CCTGGTGATG	CTAAATGGCA	CCTCCTTTCT	TGGTATTTAA	GGGTATCCAA
277401	GACCTCCTGA	GTCATAGTCT	CTCTAGCGAT	TAAGTAAATG	TGACTAGACT
277451	ATGTATCAAC	GAGAGAATTG	TGGGATCAGG	GAGCAAGGTA	GGTGAGTGGG
277501	CAAAGCACTT	CCCATTGCAG	CCATGAGCAC	CTGAGCGTCA	CGCCTAGAAC
277551	CCAGATTAAA	GAGCTGGCTG	TGATGGTGTG	TGCTCATAGT	CAGTCCTTAC
277601	ACAGGGCGGG	TGCAGGCAGG	CAGATTCCTA	GGGCTTACCG	GCTACCCAGC
277651	CTTACCTAAT	TGGTGAATCC	CAGGCTAATG	AGAGACCCTG	TCTCAAAACC
277701	AAGGTGGACA	GGACCTGAGG	AACAATGCAT	GAAGTTGTCC	TGTGGCCTGC
277751	ATAAACTCAT	GCATGTACAC	ACACATGCAC	TTGTGTGCAC	ACATATACAT
277801	CCGCGCACTC	ATGCATGCAT	GCATACACAC	ACTTGCATGC	ACACACATAC
277851	AGGCACACAA	GCATATGGGA	CAAGGAAGGA	GAGGGGAGCA	AGAAGAAGGA
277901	GAGAAATATG	TTGTTCAGGA	GCAGGCATGG	ATGTAGAATC	AAATCCTCTT
277951	TCAAACTTGT	GAGTCATTGC	TCAGAAATGA	CAGTCCGATT	TATGATGCAG
278001	GGATGTCATC	TCCTGCTGAC	AGTCAACTAA	TGAGGGTGGT	GATTTATGCT
278051	ACGAAAGGGA	CTTGTATGAC	TAGGCTCACA	TTGTTGCTAT	GAATTTCTGG
278101	GATCCTGGGG	ACCTTTATCT	GTTTTCCACT	TTAAAAAGGA	TACCAAAAA
278151	GTATGCAGTC	AGCCAGTAAC	TCATGCCATC	CTCTCGCACT	CCTTACCCAC
278201	AGACAGACAA	TAATAACTTT	TTTAATTGCT	TCTGCTAATG	CATTTAATTG
278251	CTTGGATCAG	TGGAGATACA	AACCACTTTT	TTTTCTTCTT	CTTCTTCAAA
278301	GAATTATCTG	CCACTGAATT	ATTTCAGCCA	AAGAGTGTTG	GCTCCTATTA
278351	ATCCCTCTGC	AGCTCAGGCT	TTGTTTGTTT	GTTTGGAGTG	TGAATCCATT
278401	GCTGCTCTGG	GCTCTCCCTA	TCCTTTTAGA	AATGAGGGCT	CTTCCCTTGT
278451	AAGGCTATGG	CTCATGCAGA	AGTGGCCATA	ATGACTGAGC	CAAGAGTAGA
278501	GGAAGACTCC	AAGGGGCTCA	TGGAGGTGGG	GTGGGCAGTA	GGGAGTAGTT
278551	GGAGGTCGGA		TTTCAGAATA	GACTCACTCC	AAGAGCTCAC
278601	GTTGGAAAAA	GGCAGCAGCA	GGCTCGGGGC	CGTTGTCAAG	CACCGCACTG
278651	GAGCGCCCAC	AGTCAGAGCA	GCTTGAGAAC	GACTGTAGTC	ACAGCAAAAC
278701	TGTGGAGGAC	ACTGTGACCC	AAGCTGACAC	AGTCATGAAA	
278751	TTCCCCCACT	GAGTGGAAAG	TTGCTTTTCA	CCGTGTTCCA	AAACACTGGC
278801	TCAATTGTGT	GCGTGCTTGG	TTGTGTTTGT	GATACTCGGC	ATCGCTGTTT
278851	CCTGGAAACC	CTCCCTGGAG	TCCATGGCCA	TATTCACTCT	CGTCCCCCAG
278901	CCCCCAGCCC	TTCCTCCCCC	CACGCTCACC	CCCACTTCAC	CTCTGGGCTG
278951	CAGTCAGGAC	ACGCCCCTTT	CTCATGCTTC	CAGCGATTGA	TTGTGCAGAA
279001	CATGAAACCA		GGACAAATGT	AGATCGGCTG	TTGTTCTCCA
279051	TCTCTGTAAT	TTCCTAAGTC	TGATAGCGTG	TTAATCTCCT	AACCATACAA
279101	GCTGCTTCTG	TGCTCCTTGG	GACGTCTACA	CAGAAATATT	GCCAGGAAAC
279151	ACACTAAAAG	AATATGACGG	GATTTTCCAT	TTTGTTTCTC	CGTTCTCCTC
279201	CTCTTCATCC	TCCTCCTCCT	CTTCCTTTTT	ACCTTCTTCA	AGTACCATGC
279251	TGTTGGAGCA	GGAAATTAAA	TGCACTACTT	TGAAGTTTGT	ACTTTTCAGA
279301	GTTTCTGTTA	ACTGATCTCT	GTGGATCTGA	CCATGCTTCC	CAACTCACAG
279351	TGGGGTTACA	TCTTGGCAAA	GCCAATCTAA	CCTGAAAATA	TCCTAGGTCA
279401	CAAATGCATT	TCAATGTACC	TACCCTATTG	AGCACTGTAG	CTCAGAAGCA
279451	CAATAAGAGG	GTTGGGTATC	TCTGGGGTTG	GGTAGTATGG	CCGGTAGCTA
279501	GCTGGCCAGG	AGCTGCAGCC	TACAGCCGCT	GCCCAGCCTC	TCAAGAGAAA
279551	AACATACGAC	AGATACCAAG	AAAAGGTCCA		CTGAAATATA
279601	CTTTCTACTG		ATTCTGCTTC	ATTATCAGGI	GAGGGAACCT
279651	CAGAAGCCAG		TGTGACATCA		ATGATGGTTT
279701	GGATGATGTA		CCAAGATCCA		AATGGTCTTC
279751	CTAAAAGCAG		AGTAGAGTAT	TTGTTTACCA	AACAGAGGTT
279801	GTGTTGGCTG		TTATGCAGAC		
279851	AGAGGATAGA		GAACGAGTGG		
279901	TGGAGCATTA		TTAGACCCAC		
279951	GGTCACATTG				
280001	GCTTATCCTA				
280051	TCTGTGAAAG		CCTGCCCAGT		
280101	CTGTTTCTCT		ATAGCTGCAT		
280151	GATCATCTTG				
280201	TTGATGGCTC				GAGAATTGCA
				-	

280251	GTCAGACTAG	TCTGAAATGA	CTTCCTGGTC	ATATTCTCAT	TCTCTCACTC
280301	TCTCTCACTC	TCCCTCCCTC	TCCCCCTCTC	CCCCCTCTCC	CTCTCCCCCT
280351	CTXXXXXXXX		XXCCCTCCCT	CCCCCTCCCT	CTTTCTCCCT
280401	CTCTCTCCCC	TTCCCTCTCT	CTCTCTCTCT	TGGGATTTGT	TGACTACATT
280451	CACCTCATCA	GCATCTTAGC	AGGCTATCTG	AAAGAACCCA	GACCTTCAGC
	CAGACAGAAC	TGGATTTAAA	TCAGTCTCAG	TCTCAGACAC	TTACTAGTTA
280501		CATGTCATTC	AGTGTCCCCT	AATACTACAA	CCTCCTTTTT
280551	GTGTTTGGGA		TTGTGGTAGT	GACTCGGAAG	GCACAAGTAT
280601	TTGAGTCGAT	GCTACCCATC			
280651	TTCCTTGTCT	CCTCCAATCC	TTGTTTTCAA	ATGATACAAA	CAGAGAACAC
280701	GCTTGTGTCA	GACCTCTCTG	GAACCCGAAG	GCACTGTACT	AGGAAATGTT
280751	CCTAAGCCTG	GAGCACAGCA	GTTGCTTTAT	TAGTCATACA	GGCATGAAGG
280801	AAATTACTTC	ATCTTGCTTT	CCTTCCGTTA	TCTACCCAGT	AGCTAGGAGG
280851	GACATGTGGG	GCTGGCTAGC	CTAGGATAAG	AGGAGACAGT	GCTGGGCCAT
280901	AAGGACCTGT	TTCACACAGC	TCTTTCTCAA	CCCCATCCTG	GGAGCAGAAA
280951	AGGCCACAGT	ACCAGACAGA	ATGACCAGTG	CTAGGATGCC	AGGGATCCCA
281001	ACCACAGAGG	AGGAGGAGGA	AGAGGAGGAA	AGGAGGAGGA	GAAGAAGAGG
281051	AGGAGGAGGA	AGCGGTGGCT	TATCAGTACC	GAGTTGGGCA	TATCAGTACT
281101	AAGTTCCCTC	TGCTTTCTCC	TGCCCGCCTC	CTTCATGGTC	TTGTTTGTTT
281151	GTTTGTTTGT	TTGTTTCCAA	TTAATAAGAG	CCTGGGCTGT	TGGGAATGAG
281201	TAAGCATGCC	AAGCAGCCTT	GGAACCTGAC	AAGAAGTTAC	AGAACTCTCC
281251	TTTCATCTTA	TTTCTGCCTG	CAAGATGCCC	AGGTTAAAGG	CACAACCTTC
	ATCAGCAGGA	CCTGTTGTAC	TTAGAGGCTT	GCAGGACACC	TGCCTCCCAT
281301		AGCTACATAC	TTTGTACCCA	AGGACCACCT	GTGCCTCCCG
281351	GAAGCGTTTC		TCCTTACGCC	AAGGATGAGG	CAACAGTCAA
281401	TCCTTAATTC	AGAGTCGTCT			ATCAATGCTA
281451	TTTGGTGGAA	AGATCTCTGT	AATAGGAAAC	GAATAAAACT	
281501	AATAAAATAG	ACCACTGTGA	AACTTGGGTT	AGATCCCACA	GGGAAGCGTA
281551	TGTGTGATTA	ACTGCGTTAT	GTAACAAGAC	CGCCTTTAAT	AGCTGGCATG
281601	GTTCTTTTTG	TTGTTCTAAG	GGAAAAGTGG	CCAAGGCTGA	AGCCAGAGCA
281651	CATGATATTA	TTTGAAAGTG	CTGCAGCCTC	TGGAAATGCT	CCTCCGAGGG
281701	GTATCCAGAA	TCAGGGTTCT	CACTTGATTT	ATGGTTGTTC	TAAAGGTTTA
281751	ATACCTTTTA	TATTTTCACA	ACTATACCCT	TTGCTTCCAG	AAGCCTCTGG
281801	CTATGTTTCT	GCTGCTTTGA	ATCCCATACC	TTATTTACCC	ATTCAAGAGG
281851	GATATTTTAG	AACTGTGCAA	AAACGAAGGT	TCTATAGTAT	TTGATTTTGA
281901	GCAATCCCAT	GGATGAAAGG	GTTGAGACTG	TACGGCAGGG	CACACAGCCT
281951	TTACCCAGCC	ACTTGCGAGA	ACCCAGCAGA	GGTGGTCACT	GGACAGAATA
282001	GTTTTAATGT	GTCAGCCCCT	TCTATCGGCC	ACAGTGCTGG	CTCTGAGGCT
282051	CCTCAGCCCT	CACAGCTCTC	TCTGTTAGGT	GTGGCTGGCA	GGGAAGGCCA
282101	AGATTAAGCC	AGGGCAGATT	CCCAGCCCAT	CAAATCAGAA	ACAGAAGGGC
282151	ATTGGAAGTT	GTGCTAGCAC	AATCTACAAA	ATCAGCTGGA	TGGGAATTAC
282201	ACTCAGCAAT	GAAGACTGTG	ATGGAGCCAG	GGTGGAGCAT	CATGGGAGAG
282251	TCTGGGAAAG	AGGCTCCAAC	ACAATACAGG	GTTGGGGACA	AGGCGGAAGC
282301	GATAAGTGTC	TGAACGCTTT	CAAGGAAACA	AGGCCAGCTT	CTTTGAAGAG
282351	GACTTGGCAC	GAAACACACC	ATGTAAAGTT	TGATACGCGA	TGCTGGAGAC
282401	GGTGCACATA		ATCACAAGAG	GAGCCAGAGT	TCAGAGTTGG
282451	CCTCAGCTAC	AAAGCAGGGC	CGAGGTCAGC	TGAGACTCTA	TGAGGCCCTG
282501	TCTCGAAACA		_	TTGCCACACA	CGTACACCAT
	CTCCACAGTC	AGGATAATGA		ATCTTGAAAC	TTTTCTCATG
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282651	GCTCTCTGTT				
282701	TTCTGTACTT		CCTCCTCCTT		
282751	GTAATTATTG				
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282901	TGGAGCTGCC				
282951	ACTTTTCTCT				
283001	TGGCATATAT				
283051	ACTTTCCCAT				
283101	ACGACCCTGC	: CAACTTGGTA			
283151	CATTGTACTG	TGAACACAAC			
283201	TAGACACAGT	GCAGTCTGAC	AGGTGTGAAG	GACCTATTCA	
283251	CTGAGATTGT	TCCTGACAAA	GGCAGCCCAT		
283301	CAAGCACGAT			AGTATTGGAT	CCTCACAGAA

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283401	GTACTCAACT	GTGGTTTTAA	TTTGCATTCC	CCTAATAACT	GATGCGCAGT
283451	GCCTTTTTAT	GTATCTGTTC	ACCATGCCTG	TATCATCTTC	ACTGTCCACA
283501	TTTCTGGCCA	TTTTATTTAA	ATGGGCTTGC	TTTACACCTT	ATACTGAGGA
283551	CAAACAACTC	AGATGACTTA	AGTTGGATCT	GTCCTGAAAG	TGTCTGTCTT
283601	CCATGGTTTC	AGAAAACACT	ATGCAAGCTG	TCAAGGAAGG	GGAACAACTG
283651	AGCAGCCCTG	TCTAGCTCCA	ACACCATTCA	ACCACTATAG	TGACCAACAT
283701	GGCGAGTCAT	GCATAGAAGG	TGCAATAATG	GCACTCACAT	GCCAGTGGAA
283751	ACCAACAACT	CTAATTGGAC	TTCAGGCCCA	CTCAGCAAGA	GAGCGATTAC
283801	GGCTGGCATT	GGAAACATAC	CCAAATTCTC	GGAGATGGTA	AAGGTCCTGG
283851	ACCTCAGAAA	GGAATCTACT	ACTGCCACCT	TGCTTACCAG	AATACTTATC
283901	CACCGTACTC	TAAATCTTAT	CCTTTTACCC	ACAGATAAGA	GTAGCTTCCA
283951	TCCCTCACCA	GAGATGCTTG	TCTTTACAGC	AAATGGAGGC	CGTCAGAGAA
284001	ACATACAGCT	GGAGACAACA	TAGGATATGG	AGAGCTCAGC	CCCAGCAGAT
284051	GCATCTGTGC	CTCAGGGAAC	TTCAAGGAAG	GGGAGGTAGA	AAGACTGTAA
284101	GAGCTGGAAT	GCCAGGAAAT	CCTCTGTGAA	GCAGTCTCTC	CTAGAGAAAG
284151	CTGCACAAAC	AAGACTGGAC	CAATGGTGGT	ATCATTAGAC	ATGAAATTCG
284201	GGAGAGGGAG	TGTGGCAGGA	TTTTCCCTGT	CCAATTACAT	TAAAATATTA
284251	GTGCAGCAGG	AGGCCTGTGA	TTGGACAGGG	AAAAGGGAGG	TGGAGCGAAG
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284451	TCTAATCTAG	GTGGGCAGCT	TTTATCATTA	TCAGTTGGTT	CTGAAATTAT
284501	TGTATTGGCA	TCTTGTGAAT	TGAGAATGTC	TGACTTGTTA	ATTATAAGCT
284551	TCTAGAGTTT	TGTTTCTACT	GGGTTGCTAG	GTGTTGTGGC	GGCTGACTGT
284601	GGGGCAGATG	GTCATTGTGT	GGGGCTGGCT	TGGCAGCGAA	GGGAACTTGG
284651	GTGCTCTGGC	CCCACCAGAG	AGTTGGTGGG	CAGAGAGTAG	CTGAATGAAG
284701	CGCGGGAACA	TGGCGGTTCT	ACTTTTAATA	TTTCCCCACA	ACAGGGAGAA
284751	TTTCACAGGA	TCCCACCCCT	AGACAAAGAA	TTCCAGCAAC	TAATGAGTCC
284801	TGTGAGAGGG	GAGAGGGGAG	TTAGCTTCTC	CCAGGGATGA	GCCCTCTTCT
284851	TGTTATCCAG	TGCCCAGTGG	TCAGCCCTGA	AACCATATAC	AAGCAAGCAT
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285151	GCTTTTGTCA		CTAAGATGTG	TTGAGGTTTT	GATTAGAAGC
285201	AATTGGGTTT	TCACGAAGAT	ATGTCAGTGG	TAAGGAAACA	CATTTTTATC
285251	TCAACAACTG	GCCCTTGAGG	CTGGCCTAAC	GTTTGACCCA	
285301	ATGATGTACT	TCTATTTCAA	TTTTAAAAAT	TAAAAAAAAA	AAAAAAGCTT
285351	GGTGGTCCTG	GCACATGCTT	TTAATCCCAG	CATGTGGGAG	GCAGAGGCAG
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285451	CAGCCAGGGC	AACACAGAGA		AAAAAAAATA	
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	GGAGTATGGT				
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	AAATGTTCAG				
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286651	AAGATGTGTT	GAGGTTTTGA	TTGGGAGCAA		AGGAAGATAT
286701	GTCCATGGTA	AGGCAACACA	TTTTTATTTC	AACAACTGGC	CCTTGAGGCT
286751	GGCCTAACAT	TTGAAACATT	TCCCACAGTG	TTGCTCCCAA	GTTCACTGGA
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	CATTCTAGAC	CTTATTTCCT	ATATGTCACC	CTTTTCCCAT	GTCATCCCAG
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286901	AGACAAAGTA	GCGCCCCCTT	GGGTGAGAAT	GGGCCTTTGG	AGTTATAATG
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287001	TATAGTACAG	CTGGGTATTG			AACAGAGGTC
287051	GAGCCTTTGA	AGTTATAATG	TATAGTAGAG	CTGGGTATTG	CATCTGTGAG
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287151	TTGTTCTCTC	CCTGGGTGAT	GATGCATCCC	AGAAGCTAAG	
287201	TATGTTCCCC	ATAGGCTGGG	GGGAGAGGGC	GACCAGCATG	CAGATGATGT
287251	CACGGAGCTG	ACAGGCAAAG	CCTGTCATGA	ATGGGATTTC	ATGAAACTTC
287301	ATCCCAGGTT	CTAAGCTTAG	TTGAACTACA	CAGGCCAAAC	TGAACGCATG
287351	TAGCCGGATT	CCATCCATTG	CCTCCTGAAG	GGACGCCTCT	GGTGGATGGG
287401	TCCTTTTATA	CCCCTGCAGA	GGCAGCTCTC	TCATCAGACA	CCCTAAAGGA
287451	TTTATTTTGA	CAATGGCTTA	TTGAGCACTA	AACATATGCC	AGGAAGCATT
287501	TGGGGAAGGA	GGCCCTTCCT	CTCCTGGGCC	CTAGGGCTCC	TGCTCCAATG
287551	GGTTTCAGGT	TTGGCATAGG	AAAGCATCTC	AATTGTCCTT	CCTTCCCTTT
287601	CTCTCCCAAA	TCTGTCCCCT	GGACAAGGAT	CTGGCTAATA	TGCTTTGAAG
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287701	AATACGAACC	TACCCCTGGA	ATATATGCTA	GGCAAACCTC	TGCATGCAGT
287751	TACTAGGAGA	TGAAGTCATT	TTGTGGTTAC	TAAGCCATGA	TTAAAATGAA
287801	GCAGGGTGAC	ATGTCGGGAA	GGTGGTTCCT	TTGTTATGTG	AAACTTTTCT
287851	TTCAGTCTCT	CACATGTATG	CTTCTCATAC	ATCCGTATCT	TTCAAAAGAA
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287951	GGCTGTTAAG	GGAATTAGCA	ACACTAATCA	GGGTTGAGCC	TGCATTATTT
288001	CTGAAGTCCT	GCAGAATGGG	CATTAGGATT	GTGACCTAGG	CCGCTTTCTG
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288151	TCTCTTGTTT	CGGCTTCACG	GAGATACCTG	AGTTAGGCTC	AACAGTGGTG
288201	CTCAAGCCTC	CAAAGCTTGA	GACAGCCCCT	AAATGATGTC	CATCCTCAGC
288251	CCGATTTGCC	TCACGTTCTG	TCGGCAGCCT	CAAACAGGCT	TGTACGATGG
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288351	TGAAGCGAGG	CCTATATCCA	CTACTGAGAA	AAATAACTCT	TATAAGTCAC
288401	TTTCCTCACA	AAATTGAGAT	ATGGAGAAGC	CTAGAGAAGG	GCAAGCTTGT
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288551	ACTCCTGAAT	CCATGGCAAC	TGCCCCAGAA	GTAGTTTAAA	AAAAAAAAA
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288751	CACTTCGGCT	TTGCTCGCCT		CGTATAATGG	
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290751	GATTTTACTT	ATGAATTATA	ATGTCCATGT	TTTTAATAAA	AACAAACAAA
290801	CAAACAAACA	AAAAACAACC	AATTCCTTAC	CCCAGAGAGC	AGCTATGCTC
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291901	CCTGCAGGCT		TGGATCCCAG		
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293151	GCATATCCAC	ACTAATTTAG	TGAAAACGCA	ATTGTTGATA	
293201	TGAGTTTCCT	AGACTTGACA	GTCAAATCCA	AGTTCCCATC	ACAGTGAGTA
293251	GGATGTTATT	TGTGTTTGCA	ATATGGCCTT	CATCTTTGGG	GTATACTGGA
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294101	GATAACCAAG	TTGGTACCAG	AGTTCTCCAA	AGCAACACTC	CCAACCACAA
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294201	TGTTTATATA	GCATAATGGT	ATGTTTATAG	TTCAAAAGTA	TCATGTTAAA
294251	TAGTTTGAAA	TAATGTATAA	CTAGTTCTCT	AAATATAAAG	ACATTGTTCT
294301	AATGAGACAG	TAGGCAGTCT	TGACCTGAAA	CTCCTCAGAG	ACTACAGCAA
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294401	TTAAAAAGTA	AACCTGGTTG	GCCCATGCTC	CTGCACTCCT	GCCAAACTGC
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294551	GTAGAATCAA	GACTCTTAAT	GCTGAACCGG	GTGTGGTGGC	ACATGCCTTT
294601	AATCCCAGTA	CTCGGGAGGC	AGAGGCAGGC	AAATTTCTGA	
294651	AGCCTGGTCT	ACAAAGTGAG	TTCCAGGACA	GCCAGGGCTA	TACAGAGAAA
294701	CCCTGTCTCG	AAAAACCAAA	AGAAAAAAAA	AGACTCTTAA	
294751	GCCAATCAGA	TTTATGTATC	AATAATATCA	CAATTTACAA	GATGCCAATA
294801	CAATAATTTT	AGAGCCAATT	GATAATGATA	AAAGCTTTAT	CCTAGTATTG
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294951	TAGCTCAGCC	TCCCTTTTCC	CTGTACAATC	ACAGGCCTCC	CACTGCCCTA
295001	ATGTGATTGG	ACAGGGAAAA	TCCTACAACA	TGTGATAAAA	CTGACCACTT
295051	GTCACACATC	AAAACTACAG	ACGCAGGAAC	ACAAAAGGGT	GGGGCAGGG
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295251	TTTCCTTGGT		ATATTTAACT		AGGGCAGTCA
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295701		GCAAGTGTCA			TGACCGCGCC
200,01	31100100001				

2957511 TCACCCTTAG CACCGCTGCG GTCATCTTGG ATGCTTTCACA 295811 TATGCGGTTC CCTTTAGGAG GCCTCTTTTCC CCACCTTTCCA 295911 AGAGGTCCC CCTTTTTAGGAG GCTAGTTTA GCTTCTTTCGC TCAGGCTA ACATCCATTTC 295911 AGAGGTCCC CCCCCCCCC CCCCTAGAATC GCTAGGCTA 295911 AGAGGTCCC CCCCCCCCC CCCCTAGAATC GTCAGGCTA 295911 AGAGGTCCC CCCCCCCCC CCCCCTAGAATC GTCAGATCC TGTTAGGCA 296011 TGGGATTGAG AGACCTCC CACCACACA 2670611 TGGGATGGTA AGACTCTC CAGCACTC TCAGAATCC TGTTAGCAT 296151 TCTTGCCTTA TGGCTTTTT TTTTCCTCA GCAGAGGGGA TGCCTCTGCC 296251 AGAGGAGAGAA AGCGTCACAC TTCAGGCGA TGCTCTCCCC 296251 TCCTGCTTCT GTACCTTCT TTTTCTCCTCA GCAGAGAGGGA TGCTCTCACCTC 296351 TGGTATTGGA GCAGCTACAC CTTGGAGCA CACCTCCCC ACGACCTAC 296451 AAATACGGGA CCACCACAC CTTGGAGCA CACCTCCCC ACGACCTTC 296451 AAATACGGGA TCCACACAC CTTGGAGCA CACCTTCGATA AGATTCTCG 296451 AAATACGGAG TCCATAGACA TTTTAGACACA 296551 CAGGAGAGAA TTAAGCAACT ATCCATGGAT TTTTCTTGTTT TATACACAA 296561 GGAGGAGGA GCACCTTCACAC TTTTAGACGA TCCTTAGACGA TCTTTATACACAA 296661 AGGGAGGAG GCACCTTGT TTTTAGAGGA TCCTTAGAGA TTTTTTCTTCTTT TATACACAAA 296601 AGGGAGGAG GCACCTTGT TTTTAGAGGA TCCTAGAGG TTTTTATAGACA 296601 AGGGAGGAG GCACCTTGT TTTTAGAGGA TCCTAGAGG TTTTTATAGACA 296601 AGGGAGGAG GCACCTTGT TTTTAGAGGA TCCTAGAGG ATCCATGGAT TTTTATAGACAAA 296601 AGGGAGGAG AGACGAGGAG AGACGAGGGAG AGACTGGAGGA GCACCTTGT TTTTAGAGGA TCCTAGAGG ATCCATGGAT TTTTATAGACAAA 296601 AGGGAGGAG AGACGAGGAG AGACGAGGGAG AGACTGAGGAG AGACGAGGAGA AACTAGAGAA 296601 AGGGAGGAG AGACGAGGAGGA CAGAGAGGGA GAACTAGGAA ACGAGAGAGA 296601 AGAGCAGACA GCAGAGAGA CAGAGAGGGA GAACTAGAGA AGAGGAGAGA 296701 GGACTAGGA TATAAGAGAA AGAGAGAGGA TCCACCACACACACACACACACACACACACACACACAC						
295951	295751	TCACCCTTAG	CACCGCTGCG	GTCATCTTGG	ATGCTTAGAG	
295951	295801	ACTTCCCTTG	GCCTCTGTCT	CTGGCACACT	CCAGTTCCTC	
295951   AGAGGTCCCC CTCCCCGCCC CCCCTAGANT GTAGTTGT GTACATGGC   296001   CACASTRAGG CACACACACA CATGGCACTC TACAGATCC TGTTTTGGCA   296051   GTGTANAGGT   AGACGCTCC   CAGCACCTAC   TCCTAGATCC TGTTTTGGC   296101   TGGGATGGTG   AGACGCTCC   CAGCACCTAC   TCCTACCTG   TAGGCTTGGC   296251   AGGGAGAGA   AGCTGTCACT   TTTTCGGGGA   TGTTTTATAT   296201   TCCTGCTTCT   TGCTTGTT   TTTTGGCGTGG   TGTTTTTATAT   TGAGGTGCC   296251   AGGGAGAGA   AGCTGTCACT   TTTGGCGTGG   TGTTTTATAT   TGAGGTGCC   296351   TGGTATTGAG   GGCAGTGGTT   TTTGGGGCGA   GTCTTGATA   AGATTGTCTG   296351   TGGTATTGAG   GGCAGTGGTT   TTAGGCCCAGA   CACTCTCG   296451   AATAGGTGT   TCGGGGCAG   CACACTCTC   GCCCCCAGC   296451   AATAGGTGT   TCGGGAGCA   CACACTCCCAG   296451   AATAGGTGT   TCGGGAGCA   CACACTCCCAG   296551   GAGGACAGA   TTAAGCAACT   ATCCATGGAT   TTTTCTTTT   AGATTCTTCT   296551   GAGGACAGA   TTAAGCAACT   ATCCATGGAT   TTTTCTTTT   AGATCTTCTC   296651   GAATCCCAG   GCCCCTGGT   CTTGTAAAA   ACAAAAAAAA   296651   GAATCCCAG   GCCCTTGGT   CTTGTAACAC   296701   GGAGGGGGG   GCCAGGAAC   AGACCACTCC   CATATAGACA   296801   GGGGGGGGG   ATAGGGGATT   TTCGGAGCAG   296801   GGGGGGGGG   ATAGGGGATT   TTCGAGAGA   296801   GGGGGGGGG   ATAGGGGATT   TTCGAGAGA   296801   GGGGGGGGG   TTCAGGGC   AGACGCACGA   AAACTGAGA   296801   GGGGGGGGG   TTCAGGGC   AGACGGGTAC   296901   TCAGGTGAC   GAATGACCCA   AAACTTAGAA   296901   TACAAACAG   CAGGATTAAC   ACCCCACGA   AAACTGAGA   297001   ACCCCCTGGT   CTTTTTTTCA   TTTTCCTTCA   297101   AGGCCACAC   GAATGATAAC   ACCCACACA   AAACTGAAC   297101   AGGCCACAC   GAATGATAAC   ACCCACACA   AAACTGAAC   297101   AGGCCACAC   GAATGCCACAC   AACTCACACA   297201   AGGCCTGCC   GAATGCCCACA   CAGCCACACA   AACTGACAC   297351   ACCCCCACC   GAATGCCCACC   CACACTCCA   CACACCACA   297351   ACCCCACCA   CACACCACA   CACACCACA   297351   ACCCCACCA   CACACCACA   CACACCACA   297361   AGGCCACGGA   AACTGAACA   297361   AACGCCACCC   GCCCCCC   GCCCCCC   GCCCCCCC   GCCCCCCC   297361   AAACTGAAC   ACCCCACCC   CACACTCCA   2973701   AACGCCACCA   AGCCGACAC   CACACCACAC   297361   AACGCCACCAC	295851	TATGCGGTTC	CCTTAGGAGG			
296051 CACATTACAG CCACACACA ACTGGCACTC TTCAGAATCC TGTTTAGCAA 296151 GTGTAAGGTC AAGCTCTCCC CAGCACTAC TCCAGCCTG TAGGCTTGCA 296151 CTGGCATGGTG AGACAGCTCG AATGGCTTCT AGTCTTCT CCCATCACAT 296251 TCCTGCCTCT GTACCTTCT TTTTCTCTAG GGAGAGGGA TCCTCTGGCT 296251 AGGAGAGGA AGCTGCAGT TTTTTCCTGGGGGA TGTTTTATATT TCAGGCTGCT 296351 AGGAGAGGA AGCTGCAGT TTGGCCTGAG GCCCCACACCACC 296351 TGGTATTGAG GGAGTGTT TTCAGCCAGA GCCCCTCCC ACGACCCTC 296351 TGGTATTGAG GGAGTGGTT TTCAGCCAGA GCCCCTCCC 296351 TGGTATTGAG GGAGTTCACA CTTGGAGCAG CACACTCTGAC 296451 CANAAGAGA CAGGAGTTTA AAAACAAA ACAAAC ACTTGTGCAC 296451 AAATAGTGT TCCGTGAGCA TGATACATGT TTGTCTCTCT ATATACACAA 296451 AAATAGTGT TCCGTGAGCA TGATACATGT TTTTCTTCTCT ATATACACAA 296451 AGGGAGGAG GCCCTTGGT TTTAAGCAGA GCTGTTGTC ATATACACCA 296551 CAGTGAACAC TTTTAAGAGA TCTTAGAGCA TTCTTATCCC 296551 CAGTGAACAC TTTTAAGAGA TCTTAGAGGA TTCTTATCCC 296651 AGGGAGGAGA GCCCATTGGT TTTGGCAGGAT TTTTCTTCTCT ATATACACAA 296651 AGGGAGGAGA GCCCATTGGT TTTGGCAGGAT TTTTCTTCTCC 296651 AGGGAGGAGA GCCCATTGGT CTTTTAAGAAA AAAACTAAACAC 296651 TATTCGAAGAC TTTTAAGAGA TCTTATACCC 296651 TACACAAAAAAA AAACACC 296651 AGGGAGGGAG ACCCAGGATT TTCGCAGAGGA TTCTATAGCC 296651 TACACAAAAAAAA AAACCCAGAAAAAAAAAAAAAAAAA	295901	CTTTTCAGGA	GCTAGCTTTA	GCTTCTTCGC	TCCATGGCTC	ACATCCAGTT
996101 TGGGATGGT AGACTCTCCC CAGCACCTAC TCCTACCTCT TAGGCTTGGC 296101 TGGGATGGTG AGACGCTCG AATGCTTCTT AGTCTTCTTCT CCCATTCACTC 296201 TCCTGCTCTT TGCTTGTTT TTTTCTCTCAG GGAGAGGGA TGCTCTGCT 296201 TGCTGCTCTT TGCTTGATT TGGCTTCAG TGGCTCGC 296201 AGGGAGGAGA AGCTGTCACT TGTTTGGCTCGA TGTTTTATAT TGAGGCTGCT 296301 AAGGGAGCAG GCACTCACAG CTTGGAGCAG CACCTCCC AGACCCTTC 296301 TGGTATTGAG GGAGTGGTT TTGGGCTCGA GCCCCCCCCC AGCACCTTC 296301 TAGGAGAGAA ACCGTCACAG CTTGGAGCAG CACTCTCTGAT 296401 CANAAAGAGA CAGGACTTAA AAAACAAAA CACAAAAAAA CCTTGGCACAG 296401 CAGGAGACAA TTAAGCAACT TTTTTTTTTTTTTTTTT	295951	AGAGGTCCCC	CTCCCCGCCC	CCCGTAGAAT	GTCAGTGTCT	GTACAGTGGC
TECGATEGET AGACAGCTEG AATGGCTTET AGTCTETTET CCCATCACAT 296151 TCTGCCTCTA TGGCTTGTTT TTTTCCTCAG GGAGAGGGGA TGCTCTGGCT 296251 AGGAGAGAGA AGCTGTCAGT TTGTGGCTCAG GCCCCTCCCC AGGACCCTTC 296301 AGGGGGAGCA GCACTCACAG CTGGGAGCAG CACCTCCCC AGACCCTTC 296351 TGGTATTGAG GGAGTGGTT TTCTGGGAGCAG CACCTGCTG GCCCCCAGGC 296351 TGGTATTGAG GGAGTGGTT TTCTGGGAGCAG CACCTGTGT AAATAGAGA AACTGTGAGCAG CACAGTGGT GCCCCAGGC 296451 AAATAGTGT TCCGTGAGCA TGATACATGT TTGTGTGTACAAAAAAAAAA	296001	ACAGTTACAG	CCACACACAC	ACTGGCACTC		
296201 TCCTGCTCTA TGGCTTGTTT TTTTCCTCAG GGAGAGGGA TGCTGGGCTGG	296051	GTGTAAGGTC	AAGCTCTCCC	CAGCACCTAC	TCCTACGCTG	TAGGCTTGGC
796201 TCCTECTTCT CTACCTTCTA TTCTGGGCA TCTTTTATATT TGAGGCTGCC 296301 AAGGGAGAGA AGCTGTCAGT TTGGCCTGCA GCCCCTCCC ACGACCCTTC 296301 AAGGGAGCA GCACTCACAG CTTGGAGCAG CACACTGCTG GCCCCCCCCA 296301 CARAAAGAGA CAGGAGTTTA AAAACAAAA AAACCTTTGTGACAG 296401 CARAAAGAGA CAGGAGTTTA TTCTGAGCAGA GCTCTTGATA AGATTTCTGA 296451 AAATAGTGTG TCCGTGAGCA TGATACATGT TTGTCTGTCT ATATACACAA 296501 GGAGCGAGA TTTAAGAGA TGCTAGCGG TTTTCTGTGTC TATATACACAA 296501 CAGGAGCAGAA TTAAGCACAC TGCTTGGAGCA TTGTCTGTCT TATATACACAA 296601 AGGGAGCAGA TTAAGAGAC TGCTTAGAGA TTTTCTTGTCT TATATACACAA 296601 AGGGAGCAGA GCCCTTGGT CTTGTGAACA TTCTTTGGAG 296701 TATTGAAATG TAAATAGAGA AAACATTAA TTCTATGCCC CAGTATAGAG 296701 GGAGCGAGAG GCCCTTGGT TTCGGAGAGA TTAAGAGACAC TTTCGGAGAGA TTAAGAGACAC TTTCAGAGA TTCTAGAGA AAACTAGAA AACTGAGAA 296801 GGGGGGGGG TTTCAGCGGC AGGACTGGT GGGTTGGGA GCCAGGATAGC 296801 TACAAAAAAAA CCGGAAAATAG TGCCCCACCCC ATTCTCAGCAG 296801 TACAAAAAAAA CCGGAAAATAG TGCCCCACCCC ATTCTCAGCAG 296901 CTTCCCTATA TGAGGTCCTT GCTTTATTCA ATTTCATTCTCTC 2979001 AAGGCCAACAC ATCCCCTCCC GAGCCTACTC ACACTCCTA CACACTCCTAC 2979001 ACGGCCTCCCCC CAGGATTAACC ACCTCCCTCA GCAGCTTGCC 297101 AAGGCCAAC ATCCCCCCACA ACCTGCTC AGACCGACAT CTCCCAGCTGC 297101 AAGGCCAAC ATCCCCCCACA CACACTGCTC AGACCGACAT TTCCCCTACAGT 297101 AAGGCCAAC ATCCCCCCACA CACACTGCTC AGACCGACAT TTCCCCTACACT 297101 AAGGCCAAC ATCCCCCCCC GCCCCCCC CCCCCCTCCC CCCACTTCCTA AGCCTTTCCTACACACTCTC AGGCCTTTTTTTCTTCCCCCCACCCCC AGGCTTTTTTTCAGCATTCACACACTCTC AGGCCTTTTTTTCAGCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCTCACACTCACCCCCC	296101	TGGGATGGTG	AGACAGCTCG	AATGGCTTCT	AGTCTCTTCT	CCCATCACAT
296251 AGGAGAGAGA ACCTGTCAGT TTGGCCTCGA GCCCCCCGGCC 296351 TGGTATTGAG GGACTCACAG CTTGGAGCAG CACACTGCTG GCCCCCAGGC 296351 TGGTATTGAG GGAGTGGTT TTCAGCCAGA CTCTTGATA AGATTCTGA 296451 AAATAGGAGA CAGGAGTTTA AAAAACAAAA ACAAAAAAAA CCTTGTGACCAGC CACACTGCTG CACACACTGCTG CACACACTGCTG CACACACTGCTG AAATAGGAGA TTAAGCACAA ACAAAAAAAA ACAAAAAAAAA ACAAAAAAAA	296151	CTTGCCTCTA	TGGCTTGTTT	TTTTCCTCAG	GGAGAGGGGA	TGCTCTGGCT
296351 TGGTATTGAG GGACTGAGC CTTGGAGCA CACTECTE GCCCCAGGC 296351 TGGTATTGAG GGACTGGTT TTCAGCCAGA GCTCTTGATA AGATTCTGA 296451 CAAAAAGAGA CAGGAGTTTA AAAAACAAAA ACAAAAAAAA CCTTGTGACA 296451 AAATAGTGT TCCGTGAGCA TGATACACTT TTTCTCTCT ATATACACAA 296551 CAGTGAACAC TTTTAAGAGA TGCTAGGT TTTCTCTTT AGATCTCTG 296551 CAGTGACACAC TTTTAAGAGA TGCTAGGGT TTTCTCTTT AGATCTCTG 296651 AGGAGGAGA GGCCCTTGGT CTTGTGAGGA TTGTCTCTTT TGGTCATCAB 296651 GAATGCCAG GCCACGAAGC AGGAGTGGT GGGTTGGGA GGAGGAGAG GGCCCTTGGT CTTGTGAAGA TTCTATGCC CAGTATAGAG 296751 ATTTGAAATG TAAATGAAGA AGGAGTGGT GGGTTGGGA ACTGGCAGA 296651 GAATGCCAG ATGAGGAGTT TTCGGAGAG AAACTAGGAA AGGAGTAGC 296751 TACAAAAAAAA CAGAAAAAAAAAAAAAAAAAAAACAGAAACAGAAAAAAAA	296201	TCCTGCTTCT	GTACCTTCTA	TTCTGGGCGA	TGTTTTATAT	TGAGGCTGCC
796351 TGGTATTGAG GGACTGGTT TITCAGCCAGA GCTCTTGATA AGATTCTGA 296401 CAAAAAAGA CAAGAGTTTA AAAACAAA ACAAAAAAA CCTTGTGACA 296451 AAATAGTGT TCCCTGAGCA TGATACATGT TTCTCTTCT ATATTACACAA 296501 CAGGGACACA TTAAGCAACT ATCATAGGT TTTCTCTTCT AGATCTTCTA 296501 CAGGGACACA TTAAGCAACT ATCCATAGGT TTTTCTCTTCT AGATCTTCTA 296501 CAGGGACACC TTTTAAGACA TGCTAAGGG ATGGCCTTGT TGCTCATCA 296601 AGGGAGGAG GCCCCTTGGT CTTGTGAAGA TTCTATGCCA CAGTATAGAG 296601 GAATGCCAGG GCCCAGGAACC AGGAGTGGGT GGGTTGGGGA CAGGGTAGGAG 296701 GGACTAGGGG ATAGGGGATT TTCGGAGAGG AAACTAGGAA AGACTGAGAG 296801 GGGGGGGGG TTTAGACGA ACGCACGGTT CAGCCACAGA AACTGAGCAG 296801 TACAAAAAGA CGGAAATAG TCCCCTCACA AAACACTGAAA 296801 TACAAAAAGA CGGAAATAG TCCCCTCACA AAACTGAGACA 296801 TACAAAAAGA CGGAAATAG TCCCCTCACA AATTCCTCTTT TTTCCTCC 296951 TCAGGTGACT GGATGCCGG AATCCCCTCA CACATCCTCA GCAGCTGGCC 297001 ACGCCCTGTCT CTGTCTCTC GGACTGTCC CGCGCCC CGGAGTGGC 297001 AGGCCCATGCT CTGTCTCTCT GGACTTTCCC AGACCGACG CCGGAGTGGC 297101 CCCCCACCAC ACCCCCCC GGCCCCC CGGCCCC CGGAGTGGC 297201 AGGCCCTTCC GGACTTGTCC CAGACTGCCC CGGAGTGGC 297301 CCCCCCACAA CCTGCATTCC CCCACACTCCCA GCACATCCTC 297301 AGGCCCTTCC GGCCTTTTCTCTC GGACTTCCC AGACCGACCT CTACCGCTCC 297301 AGGCCCTTCC GGCCTTTGTCTC GGACTTCCC AGACCGACCT TTCCCACACA CCTGCACTCCA GCACATCCTCA GCACATCCTCA GCACACTCCCC CGCCCCC CCCCCCC CCCCCCC CCCCCCC CCCCCC	296251	AGGAGAGAGA	AGCTGTCAGT	TTGGCCTCGA		
296401 CAAAAAGGA CAGGAGTTTA AAAACAAAA ACAAAAAAAA CCTTGTGCACA 296451 AAATAGTGTG TCCGTGAGGCA TGATACAGTT TTGTCTGTCT AAATAGCAAA 296501 GGAGGCAGAA TTAAGCAACT ATCCATGGAT TTTTCTTCTT AGACTA 296501 AGGGAGGAGGA GCCCCTTGGT CTTGTGAGCA TTGTTGTGTCT TGGTCATCAG 296601 GAGGAGGAGG GCCCCTTGGT CTTGTGAGAAA TTCTATGCC CAGTATAGAG 296701 GAATGCCAG GCCAGGAAGC AGGAGTGGT GGGTTGGGA GCAGGGTAG 296801 ATTTGAAATG TAAATGAAGA AAACATTAAA AAACTAGAAA AGGGGATAGC 296801 GGGGGGGGG TTTCAGCGGC AGGACGAATAGC AGGCCACGA AACTAGGAA AACTAGGAA 296801 TACAAAAAAAA CCGGAAATAG CGCCACGAT TCAGCCCCC 296901 CTTCCCTATA TGAGGGC AGGCCACGAT ACCCACAC 297001 ATCAGACCAC GAAATAG CGCATTCT GCCCCGCCC ATTCCAAGT 297001 ATCAGACACAC CACACCACGAA ACTAGCAAC 297001 ATCAGACACAC CACACCACGAA ACTAGCACACACACACACACACACACACACACACACACAC	296301	AAGGGGAGCA		CTTGGAGCAG		
296451 AAATAGTTGT TCCGTGAGCA TGATACATET TTCTCTCTCTCTCTCTCTGGAGGCAGCACCACCACCACCACCACCACCACCACCACCA	296351	TGGTATTGAG	GGGAGTGGTT	TTCAGCCAGA		
96501 GGAGGCAGAA TTAAGCACT ATCCATGGAT TTTTTCTTCTT AGATCTTCTG 296501 AGGGAGGAG GCCCTTGGT 296501 GAATGCCAGG GCCAGGAACC 396551 GAATGCCAGG GCCAGGAACC 396751 ATTTGAAATG TAAATGAGAA TCCTATGAAG TTCTATGCCC CAGTATAGAGG 296751 ATTTGAAATG TAAATGAAGA AACATTTAA TTAAAAAAA AAAACTGAAG 296651 GAGGGGGGGG TTTCAGCGGC ACGCAGGAAATAG TCCCCTATCT GCCCCACCA AACTGAGAA 296851 TACAAAAAAAA TGAAGGAATTAA TTCGACAAGG AAACTGAGAA AAAACTGAAGA 296851 TACAAAAAAAA TGAGGAATTAA TCCCCCTATA TGAGGGGGTTG GCGGGGGGGGGG	296401	CAAAAAGAGA	CAGGAGTTTA	AAAAACAAAA		
296551 296651 296651 296701 296701 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 296801 29	296451	AAATAGTGTG	TCCGTGAGCA	TGATACATGT		
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996651 GAATGCCAGG GCCAGGAAGC AGGACTGGT GGAGTGGAGGG AAACTAGGAA AGGGGATAGC GGAGTAGGGATAGGAAAAAAAAAA	296551	CAGTGAACAC				
96701 GGAGTAGGG ATAGGGATT TTCGAGAGG AAACTAGAA AGGGATAGC 296751 ATTTGAAATG TAAAGAGA AAACTTTAA TTAAAAAAAA AAACTGAGG 296851 GGGGGGGGG TTCAGCGGC ACCCCCCCCC ATCTCAGCCCAGGA 296901 CTTCCCTATA TGAGGTGCTG GCTTTATTCA ATTTCCTGTC CTTTCAGCGC 297001 ATCAGACCA CAGATAAAC AGCCACCTC ACCACTCTCA GCAGCTGCC 297001 ACCCGCGGC CAGATAACC AGCTGCCC ACCACTCCC ACCACTCCC 297001 ACCCCTCGC CACCCCCC GGACCCACGA ACCCCCCCC 297101 AAGGCCAAC ACCCCCCCA CACCTCCCC ACCACTCTCA 297101 AAGGCCAAC ACCCCCCCAC ACCCCTCCC CACCTTCTT 297151 CCGCTGGCG CAGCGTTTTG GGAATGCCC CAGCTGGCT 297251 GAGTGACCTA ACCCCCCCC GCGCCCCC CCCCCC CCCCCCC CCCCCCC	296601	AGGGAGGAGA				
296751ATTTGAAARGTAAATGAAGAAAACATTTAATTAAAAAAAAAAACTGAAG296851TACAAAAAGACCGGAAATAGTCGCCTARCTGCCCCGCCCCATTCTCAGTG296951TCAGGTGACTGAATGGCCGAATCCCTCACACTCCTCACACTCCCCCCCCCATTCTCCAGTG297001ATCAGACCAGCAGATTAACCAACTCGGCTCACACACTCCACACAGCTGGC297101AAGGCCACCATCCCCACAACGTGGATTCGCAGCTGGCTCAGCTTCCTCCAGGTGGTGG297101AAGGCCACCATCCCCACAACGTGCATTCGCAGCTTCCTCAAGGCCTTCCAAGGCCTTCCTAGGCCTTCCAAGGCCTTCCAAGGCCTTCCAAGCCGACTGGCCACCTTCCTAAGGCCTTCCAAGGCCTTCCAAGGCCTTCCAAGGCCTTCCAAGGCCTTCCAAGCCGACTGGCCACCTTCCTAAGCCGACTGGCCACCTTCCTAAGCTGACCTAGCCGACTGGCCACCTTCCAAGCCGACTGGCCCCCCCCCCCCCACTTCCTAAGCTGACGTGCCCCCCCCCCCCACTTCCTAAGCTGACGTGCCCCCCCCCCCCACTTCCAAGCCACTTCCAAGCCACTCCACCCACTTCCAAGCCACTCCACCCACTTCCAAGCCACTCCACCCACTTCCAAGCCACTCCACCCACTTCCAAGCCACTCCACCCACTTCCAAGCCACTCCACTCACACTCACCCACTTCCAAGCCACTCCACCCACTTCCAAGCCACTCCAAGCCACTCCACCCACACTCACAAGCCACTCCAAGCCACTCCACCACCACACACACACACACACACACACACA	296651	GAATGCCAGG	GCCAGGAAGC			
296801GGGGGGGCGTTTCAGCGGCACGCACGGTTCAGCCACGAAACTGAGCAG296801TACAAAAAGACCGGAAATAGTCGCCTATCTGCCCCGCCCATTCTCAAGT296901TCAGGTGACTGGATGGCCGAATCCCCCACACACACTCCTCAGCAGCTCGCC297001ATCAGACCAGCAGATTAACCAGCCGGTCCAGGCCGGCCCCGGACTGCCCCGGACTGCC297101AGGCCAACCATCCCCACAACGTGCATTCCCAGACGGCCTCACAGCTTCCTACGCGTTTTT297151CCGCTGCCCCAGCGTTTTGGGAACCGGCCCCCCTCCCCGCCCCCCCCGCCCCCCCCGCCCCCCCCGCCCCCCCCGCCACTTCCTAAGGCTTACACA297301TGGGGCGTGGTTCCCAAGTCACCACTCCCCCACTTGCTGTTTTACGCATTTTCTGGGCTTTTCTAGGCTTTTTTTTCTCAGCA297301TGGGGCTTCACCCACCCCCCCACTTGCTGCACATCGCTGTTTTTACGCAAACGACCGACTTTTTTTCTCAGCTTTTTTTTCTCAGCAAAGAGAATCGT297401CCACCACTCACTCAACCACCCTACAACACCCCTAACAAGCATTTTTCTCAGCTAATTGCTTGAAAGAGACCGACT297501AAAAAACACAACACCCACCCTACCCAACCCCCCAAAAAAATCATCGTACAGCACCTACACCTAGCTTACAAGC297501AAAAAACACAACACCCACCCTACCCAACCCCCCCAAAAAAATCATCGTACAGCAGCTACACCTGTTTTCACTAG297601GAGACTGGATTTTCTGGGTTGCTTCTATAAATTATATATCACACCACACACACACCACACACAACCACACACAACCACACACAACCACACACAACCACACACAACCACACACAACCACACACAACCACACACAACCACACACAACCACACACAACCACACACACACA						
296851 TACAAAAAGA CCGGAAATAG TCGCCTATCT GCCCGGCCC ATTCTCAGT 296951 CTTCCCTATA TGAGGTGCTT GCTTTATTCA ATTTCCTGTT CTTTTCCTGCT TCGGGGGGGGGATGGGGG AATCCCTCA CACATCCTCA GCAGCTCGCC 297001 ATCAGACCAG CAGATTAACC AGATCGCTCA GAGCCGACAT CTACCGCTGC 297051 AGGCCCTGGCT CTGTTGGGGTGGATGGGCAACC ATCCCCACAA CGTGCATTCGC CAGATCGTCA AGGCCAACC ATCCCCACAA CGTGCATTCG CAGGTGGTGG AGGCCTTGT AGGCCTGC CAGCCTTCTG GAAGCCAACC ACCCCCCC CAGCCCACT CTACCGCTGC CAGCCTTGT AGGCCTCA GGCAGTTGTG CAGCTTGCT AGGCTTGC AGGCCTCCA GGCAGTTGTG AGGCCTTGT AGGCCTCA GGCAGTTGTG CAGCTCCCC CAGCTGCTCA AGCCTCCCC CCCCCCCC CCCCCCCC CCCCCCCC CCCCCC						
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TGAAGGCGGT GAGTTCCCGA GGGGCGTCAT GGGTTGTCCA GCCTTTCATT AACTGCACAT AGTGTTAGCC AGACAGGTGT ACGTGTTTGT CATCCCATCT AAGAGACTGA AGCAGGAGGA TCACCTGTAC ATGACTGCTT TTTAAAATGT GTAACTTCTA TTAAATTCTC TCAGTGCAA TAAAGTGCGT TTTAAAATGT GTAACTTCTA TTAAATTCTC TCAGTGCAA TAAAGTGCGT CGCCGCACA TCCCTTCTCC AGCGGAGGA CGCCCGCACA TCCCTTCTCC AGCTGGAGCA CGCTTTCCT GTAAGGCTCT TTAACACTTG GCTTCTTGCC CGCCGCCACA TCCCTTCTCC AGCTGGAGCA CGCTTGCT GTAAGGCTCT TTAACACTTG GCTTCTTGC CTTAACACAT CACACTTGCA AGACTATCC TTTTTGGCAGC ACCTTTAAA AGATTCAGAG CACACTTGCA AGACTATCC TTTTTGGCAGC ACCTTTAAAGACAT CACACTTGCA AGACTATCC CAACTGCTT CCCCCATCAAG AGATTGAAGG CACACTGCA ACCTTTTAC CAACTGCTTT CCCCCATCAAG AGATTGAAGC CACACTGCA AACTATTGT CACACCCCTA ACCCCCC ACCCAGAACC CAGAGCTA ACCACTGCTT TTTTGCCTTCAAGACC CACTCCAGCTT CTAAGTCTAC CAACTGCTTT CCCCCATCAAG AAGTTCGCTG CACTCCAGCT TCTTAGTTGA CACACCCATA ACCCCACCC ACCCAGAACC CAGAAGCTTA GCATGTCTGC ATTCTGAGTT TTTGTCCCTT CCCCAAGATC CACACTGCAC TGTACTACAT CTAATTACCG CTGTGTTTCT TTTCTCCAGC CCCCAAGATC CACACTCCC TGTACTACAC TTAATTACCG CTGTGTTTCT TTTCTTCAAG CACATGTTAG GGGAGGACA GTCAACACAG AAGTTGCACA CAGCCCCTCT CCCCAAGATC CACACTCCC TGTACTACAC TTAATTACCG CTGTGTTTCT TTTCTTCAAG CACACTTTCAAG AGATTTTCAACACCAG AAGTTTCCCTC CCCCAAGATC CACACTTCCAC TGTACTACACACAG AAGTTTCCCTC CCCCAAGATC CACACCTCCC TGTACTACACACAG AAGTTTCCCTC CCCCAAGATC CACACTTTCCACC TGTACTACACACACAG AAGTTTCCCTC CCCCAAGATC CACACCTCTC CCCCAAGATC CACCCCCCCCCC						
298051 AACTGCACAT AGTGTTAGCC AGACAGGTGT ACGTGTTTGT CATCCCATCT 298101 AAGAGACTGA AGCAGGAGA TCACCTGTAC ATGACTGCTT CTTTCAACAT 298151 TTTAAAATGT GTAACTTCTA TTAAATTCTC TCAGTGCAAA TAAAGTGCGT 298251 AAGAGTCTCC TTGTACTCCC CGCCCCACA TAGATAAGAT GAGGAGAAGC 298251 GGATTGCCT TGTACTCCC CGCCCCACA TCCCTTCTGC AGCTGGAGCA 298351 GGATTGCCT GTAAGGCTCT TTAACACATT 298401 AGCACTTGTT CCAATGCCAA AGGCCTTTAC AACATCCTTC CTTAACACAT 298451 CACACTGCA AGAGCTATCC TTTTGCAGC ACCTTTAACACAT 298501 CACACTGCA AGAGCTATCC TTTTGCAGC ACCTTTAAAA AGATTGAAG 29851 GCATTCAGAT TCTAAGTCTAC CAACTGCTTT CCCCAACAA AGATTCAACACT 298601 AATCCGAGCA AACTATGTT CACACCCCAC ACCCACCC ACCCAGAACC 298651 ACAAAGCTTA GCATGCTTC CACTCCCCC CCCCAAGACC 298651 ACAAAGCTTA GCATGCTGC TTTTGCAGC CTGTGCCCCCCAAGACC 298701 TCCTCTCCAC TGTACTACA TCTCTGATCTC CCCCAAGATC 298701 TCCTCTCCAC TGTACTACAC TCAATTACCC CTGTGTTTCT TTTCTCCACG 298751 AGAATGTTAG GGGAGGGACA GTCAACACCA AAGTTGCACC CCCCAAGATC CCCCAAGATC CCCCAAGATC CCCCAAGATC TTTCTCACAC CTGTGTTTCT TTTCTCCACC CCCCAAGATC CCCCAAGATC CCCCCAAGATCC CTGTGTTTCT TTTCTCCACC CCCCAAGATC CCCCAAGATC TTCTCACAC TCAATTACCC CTGTGTTTCT TTTCTCCACC CCCCAAGATC CCCCAAGATC TCCCCTCTCCC CTGTGTTTCT TTTCTCCACC CCCCAAGATC CCCCAAGATC TCCCCCAAGATC ATTCTGACC CTGTGTTTCT TTTCTCCACC CCCCAAGATC CCCCAAGATC TCCCCCAAGATC ATTCTGACC CTGTGTTTCT TTTCTCCACC CCCCAAGATC CCCCAAGATC TCCCCCAAGATC ATTCTCAACACAC AAGTTTCCACC CTGTGTTTCT TTTCTCCACC CCCCAAGATC CCCCAAGATC AGATCCACC ACCCCC ACCCC CCCCC ACCCC ACCCCC ACCCCCC					GGGTTGTCCA	GCCTTTCATT
298101 AAGAGACTGA AGCAGGAGGA TCACCTGTAC ATGACTGCTT CTTTCAACAT 298151 TTTAAAATGT GTAACTTCTA TTAAATTCTC TCAGTGCAA TAAAGTGCGT 298251 ACAGGTCTCC TTGTACTCCC CGCAGTCAGT CAGCTTTGCT CTGCTCTGCC 298251 GCACTTCCT TTGTACTCCC CGCAGTCAGT CAGCTTTGCT CTGCTCTGCC 298301 GTCAGTTTCT TAGTTAAGCC CGCCCGCACA TCCCTTCTGC AGCTGGAGCA 298351 GGATTGCCCT GTAAGGCTCT TTAACACTTG GCTTCTTGC CTTAACACACT 298451 CACACTTGCT CCAATGCCAA AGGCCTTTAC AACATCCTTT GCTCTTAGAG 298501 CACTCAGCTT CTAAGTCTAC CAACTGCTTT CCCCATCAAG AGATTGAAGG 29851 GCATTGCAGT TCTTGCTTGA CACACCCATA ACCCCACCA AACTTCGCTG 298601 AATCCGAGCA AACTATTGTT CACTGCCTG ACTGTGCACC TCCCAAGACC 298651 ACAAAGCTTA GCATTCTGC ATTCTGAGTT TTGTCCCTTG CCCCAAGACC 298701 TCCTCTCCAC TGTACTACA CTGATTACC CTGTGTTCTT TTTCTCCAC 298701 TCCTCTCCAC TGTACTACAC TAATTACCG CTGTGTTCT TTTCTCCACAC 298701 AGAATGTTAG GGGAGGGACA GTCAACACAG AAGTTGCACA CAGCCCCTCT						
298151 TTTAAAATGT GTAACTTCTA TTAAATTCTC TCAGTGCAAA TAAAGTGCGT 298201 GTCCATTGTG TCCTTTCAAA AACCTAACAA TAGATAAGAT GAGGAGAAGC 298251 AAGAGTCTCC TTGTACTCCC CGCAGTCAGT CAGCTTTGCC TGCCTCTGCC 298351 GGATTGCCCT TAGTTAAGCC CGCCCGCACA TCCCTTCTGC AGCTGGGCA 298401 AGCACTTGTT CCAATGCCAA AGGCCTTTAC ACACTCTTT GCTCTTAGAG 298451 CACACTTGCA AGAGCTATCG TTTTGGCAGC ACCTTTAAAG AGATTGAAGG 298501 CACCTCAGCTT CTAAGTCTAC CAACTGCTTT CCCCATCAGA AAGTTCAGC 298551 GCATTGCAGT TCTTGCTTGA CAACCCCATA ACCCCACCC ACCCAGACC 298601 AACCGAGCA AACTATTGTT CACTGCCTGC ATCTGTACAC TTGCATCCTC 298651 ACAAAGCTTA CATGCCTGC ATCTGGATT TTTGTCCCTT CCCCAAGATC 298701 TCCTCTCCAC TGTACTACAT CTAATTACCG CTGTTTTCTTTCAAG 298751 AGAATGTTAG GGGAGGGACA GTCAACACCA AAGTTGCACA CAGCCCCTCT						
298201 GTCCATTGTG TCCTTTCAAA AACCTAACAA TAGATAAGAT GAGGGAAGC 298251 AAGAGTCTCC TTGTACTCCC CGCAGTCAGT CAGCTTTGCT CTGCTCTGCC 298301 GTCAGTTTCT TAGTTAAGCC CGCCCGCACA TCCCTTCTGC AGCTGGAGCA 298351 GGATTGCCT GTAAGGCTCT TTAACACATT 298401 AGCACTTGTT CCAATGCCAA AGGCCTTTAC ACCATCTTG CCTTAACACAT 298451 CACACTGCCA AGGCTATC TTTTGGCAG ACCTTTAAAG AGATTGAAGG 298501 CACTCAGCTT CTAAGTCTAC CAACTGCTTT CCCCCATCAAG AAGTTCGCTG 29851 GCATTGCAGT TCTTGCTTGA CACACCCATA ACCCCACCC ACCCAGACC 298651 ACAAAGCTTA GCATGTCTGC ATCTGCAGC TTGCATCCTC 298701 TCCTCTCCAC TGTACTACAT CTAATTACCG CTGTGTTCT TTTCTCCAG 298751 AGAATGTTAG GGGAGGGACA GTCAACACAG AAGTTGCACA CAGCCCTCT						
298251 AAGAGTCTCC TTGTACTCCC CGCAGTCAGT CAGCTTTGCT CTGCTCGCC 298301 GTCAGTTTCT TAGTTAAGCC TTGCCCACACA TCCCTTCTGC ACTGGAGCA GGAGTGCACT GTAACACATT CTAACACATT CACACTGCT GAAGCCCTTTACACACAT AGCACTTGCT CAATGCCAA AGGCCTTTAC AACATCCTTT GCTCTTAACACAT CACACACTGCA AGGCTATCC TTTTGGCAGC ACCTCTAAAG AGATTGAAGCCAT CAACACCATA CACACCCACA AACTTCGCTG CACACACACACACACACACACACACACACACACACACA					TAGATAAGAT	GAGGAGAAGC
298301 GTCAGTTTCT TAGTTAAGCC CGCCCGCACA TCCCTTCTGC AGCTGGAGCA 298351 GGATTGCCCT GTAAGGCTCT TTAACACTTG GCTTCCTTGC CTTAACACAT 298451 CACACTTGTA CAATGCCAA AGGCCTTTAC AACATCCTTT GCTCTTAGAGC 298451 CACCCAGCTT CTAAGTCTAC CAACTGCTTT CCCCATCAAG AAGTTGCAG 298551 GCATTGCAGG TCTTGCACCCCACCCACCCACCCACCCACCCACCCACCCA					CAGCTTTGCT	CTGCTCTGCC
298351 GGATTGCCCT GTAAGGCTCT TTAACACTTG GCTTCCTTGC CTTAACACAT 298401 AGCACTTGTT CCAATGCCAA AGGCCTTTAC ACACTCTTT GCTCTTAGAG 298451 CACACTTGCA AGAGCTATCG TTTTGGCAGC ACCTTTAAAG AGATTGAAGG 298501 CACTCAGCTT CTAAGTCTAC CAACTGCTTT CCCCATCAAG AAGTTCGCTG 298601 AATCGCAGCA AACTATTGTT CACTGCCTG ACTGTGCACC TTGCATCCTC 298651 ACAAAGCTTA GCATGTCTGC ATTCTGAGTT TTTGTCCCTC CCCCAAGATG 298701 TCCTCTCCAC TGTACTACAT CTAATTACCG CTGTGTTCTT TTTTCTTCAAG 298751 AGAATGTTAG GGGAGGGACA GTCAACACAG AAGTTGCAC CAGCCCCTCT				CGCCCGCACA	TCCCTTCTGC	AGCTGGAGCA
298401 AGCACTTGTT CCAATGCCAA AGGCCTTTAC AACATCCTTT GCTCTTAGAG 298451 CACACTGCA AGAGCTATCG TTTTGGCAGC ACCTTTAAAA AGATTGAAGG 298551 CACTCAGCTT CTAGAGTCTAC CAACTGCTTT CCCCATCAAG AAGTTCGCTG 298651 AATCCGAGCA AACTATTGTT CACTGCCTGC ACTGTGCACC TTGCATCCTC 298651 ACAAAGCTTA GCATGTCTGC ATTCTGAGTT TTGTCCCTT CCCCAAGATG 298701 TCCTCTCCAC TGTACTACAT CTAATTACCG CTGTGTTTCT TTTCTTCAAG 298751 AGAATGTTAG GGGAGGGACA GTCAACACAG AAGTTGCACA CAGCCCCTCT		GGATTGCCCT	GTAAGGCTCT	TTAACACTTG	GCTTCCTTGC	CTTAACACAT
298501 CACTCAGCTT CTAAGTCTAC CAACTGCTTT CCCCATCAAG AAGTTCGCTG 298551 GCATTGCAGT TCTTGCTTGA CACACCCCATA ACCCCACCC ACCCAGAACC 298601 AATCCGAGCA AACTATTGTT CACTGCCTGC ACTGTGCACC TTGCATCCTC 298651 ACAAAGCTTA GCATGTCTGC ATTCTGAGTT TTGTCCCTTG CCCCAAGATG 298701 TCCTCTCCAC TGTACTACAT CTAATTACCG CTGTGTTTCT TTTCTTCAAG 298751 AGAATGTTAG GGGAGGGACA GTCAACACAG AAGTTGCACA CAGCCCCTCT					AACATCCTTI	GCTCTTAGAG
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298551 GCATTGCAGT TCTTGCTTGA CACACCCATA ACCCCACCCC		CACTCAGCTT	CTAAGTCTAC	CAACTGCTT		
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298751 AGAATGTTAG GGGAGGGACA GTCAACACAG AAGTTGCACA CAGCCCCTCT	298651	ACAAAGCTTA				
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298801 GCTTCCTGAG GGTGTATGCG CAATTGACAG TTGCCGGAGG GAGAGACTGG	298751					
	298801	GCTTCCTGAG	GGTGTATGCG	G CAATTGACAG	TTGCCGGAGG	GAGAGAC'I'GG

298851	CAGTATAGTT	GTCACCTGTA	AGTGTCCCTG	TGACTTCTCA	
298901	CACAAGTAGT	CCTAGTAAAA	CTCATTCTTG		GATTTGGGTG
298951	GAGTGGTTTC	TTTGGTCTGT	CATCTTCAGA	AGCCCTCTCT	GAGGCACACA
299001	GACATTTGCT	CAGATCTTTC	CGGAAAAGCT	AATGCGGCTG	AGAGGCTAAT
299051	CTCATCTCTG	TTAATTGAGG	ACATTAAAGC	CGACCAACAA	AGACACAAGC
299101	CCTACTCTCT	GGAGCTCACT	GCCACATGAG	ACAGCCACAG	ACCTCTAATC
299151	ACAACATGAT	GTGACAATTC	CACTCCTGAG	TACTGAGCCA	GTGGGAACAG
299201	AGCAAAAGGA	CCCCCTCTGG	TTTGCTTTTG	AGGGGATGGG	GGGCCTGAAG
299251	AAAAAGAAGG	CTCCGTCACT	CAGGTAAATC	ACTCCACCTT	CTTGGGCAGG
299301	TTTATTCACG	TATGCACACT	AACTGGTCTA	TGAGTGCAGA	GGATCTGCCA
299351	GAGGTAAAAA	AGATAAATTG	TTCATACAGT	GGGTTTGGAC	AAGGAAATGT
299401	CTGAGCTGAA	TTATTTTGGC	TACTGAGTTT	${\tt TGTTTTGTTT}$	TGTTTTGTTT
299451	TGTTTTCCCT	AATATTCTTT	ATCAAGCCAG	GGTCCCTCAA	AATGTTAGGC
299501	TGAGGTCCCT	CATCCTTCTG	GGGCTTGTAC	AGCAGCTGAG	AGTGTGCAGC
299551	TCTTCTGGGC	ATCCCTAGGG	ACTCAGGGTA	AGGAAAAATG	AACTGGCAGC
299601	ACACGGCAGA	GCATGTCCAG	AACCTGGGTG	GGACTCTGAT	CTAACACTTA
299651	GCTCTCATTA	AATGAATCCC	TACAGTTGGG	GCACAAATTC	TTGCTGGTTA
299701	CAAAACACCC	AAGTTACTGG	AGATCCGAAG	ATAAATAAGA	CACAGTCTCT
299751	GCCCAGCAGG	ATCTCGGCCC	TCCAGGAAGG	CAGCCATAAC	AGCCAGGCAA
299801	CTCTGACACT	TCACAGAAAA	GGGAGCAATT	AAGTTGGCCA	CAGAGGAGAT
299851	GACACTTCGG	CTGAGCTCTT	GTAAGCCCTG	CCCAAGTTAG	CGTGATAGCC
299901	CCCCCTTAG	GGGATATTAG	GAGACACCAG	AATTCCATTT	AATGTCTTCT
299951	TCATCCAGCT	TGACAAATGG	CACTCCTTCC	AAATGTCTAC	AAGATGCATA
300001	TGCCTCCAAA	ATGCTATCTC	GGAGCCATTA	GAAACTAAAC	ACATTGACAA
300051	ATACCATCCT	GTTCCATACT	TCTTTATAGC	AGTGGAGTGT	TCAGCCACAG
300101	TAAAATCAGG	ATCAGGCTTC	AAGGATTTAG	GTATCAGGCA	TATTTGAGGG
300151	TGCTTTTTAT	AGCACCCCTC	TCTCCCCCAC	CCCAACACTT	GTACAAATTC
300201	AAAATAGATG	TTGCAGCATA	CAGGGAATGT	TTTTAATATA	ATGTCTTGTT
300251	TACTTCCCTG	AACTATAAAC	ATCTGAGAGG	AACAGGGACG	TCTGTCTTGT
300301	TGGCACTTAC	TGTTCTTATA	GGAAAATTAA	AGTCTCTCAA	AGACACAGTT
300351	CAGTGAGCCA	ATTAAACCTT	GTCTCTGCTT	TGTTAAGCTC	ACGAGAAACA
300401	TATGGTAGTG	ATTCTGATAG	CTATTGTTCA	TTCAAAGCAT	CAGCTATGAA
300451	ATCCAGGTTT	GAATGCTCAG	AAAGAAAAAG	CAGATTCAAC	ATCTTGGCAA
300501	TAAGCATGTA	TTTCCATCTC	ATTTTCGTAT	TTTATCTCTA	GCCAGTGCTG
300551	TTTTGGGTGT	CACATTACAT	TCTTGATGGA	GAGTATTTTC	GGAAAATGTA
300601	AAATGGGCTG	GATGTCATGA	AATAATTATT	CTTTTTGCTC	TTGGTGACAC
300651	TTAACCGTCC	CTGTTTCTAG	GGAGACAAAT	TGGTGTTGTG	AGCACCTTGC
300701	CAGTGCCAAT	GACTTCGAGG	TGACTTAGCT	CAGTGCTGAC	CCCGGATGAG
300751	GCTGGATGCC	TCCTCATGGC	TAAGCTGGAA	ATAGATGGCA	ATGACCTCGC
300801	GCCTCTGGAA	CACACTTTGA	CCAAGGATGA	GGCATCTGCG	CAGGGGATGT
300851	CTATGAAGGC	CCAGAACATC	TGCCGTAGGA	AGTGGTTCTT	CTCCATTGAA
300901	GGGCACAGAT	TTCTTCCTTT	ACAAATATTA	GAAAATGATA	GAGACTTTCT
300951	TCAGAAAACA	CATTGAGCAC	TTGCACACTC	TGATGTGCAC	AGATGCAGAC
301001	ATGTACGTAT	AATGTTCTAC	ACAGACATGT	TGACATATAA	TTTTGAAGGA
301051	ATTTTCAGTA		CAATTCATTC	TTCCCAAGAA	
301101	GAACCCTGGT	CTTCCTGCAC	CAAACTAGTC	CACCAAGAAT	AATTTTTTTT
301151	TATTGTTTTA	AATAATATTG	GGAAGCCTTG	AGTTCAGTAG	GGTGGAGCTG
301201	TTTGTATTGG	ATTACACAAG	GGTATAAATC	ACTGTGAAGG	TGTTGAGATA
301251	AAGATAGAAT		AATCCAGATT	TTTATATAAC	
301301	TCTTTTCTTT	'TGGGGAGGG	CACTCTTAGG	CTGACAGTCC	TCTGGACCCA
301351	CCTCTTGGCA		TACAGCTGTG	AAATGTATGA	CAGTCTCTGC
301401	CTCCAAGGGA		TCACCTTGTC	TCTTTAGAAC	CAGAACTCCT
301451	CAGCGAGGAA	GAAATGAGTG	TTTTATGCTT	AGCACTCTAA	GAATGGTTGG
301501	TTTCTTGGGG				
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301601	GTTTCTCTTA				AAAACTAAGC
301651	TCCATGCTGG				
301701	TGTCGTCAAG				
301751	GGGGACATCT				
301801	GAAAGTGTGA				
301851	CGCTCAGGCT				
301901	AGTTTTGGAG				GATTTCATGG

301951	GAGTCGGGAA	GAAGGATGAG	GTTAGTTTTA	GAGTACACAG	AGACTGGCGT
302001	TCCTTTGCAG	TTAGTCAATC	CCTACAACTA	AAAAGGATGA	AGCATTCCTT
302051	AGGAATCCCT	GCTTTCCCAG	GGCAGAGGAT	GTAGGTTCAA	CATTGTCAGG
302101	CCCCATTTTT	GTTCATTTTG	TGATACTGGC	CTTTGCTTCG	GGAAGTGTCC
302151	AGGATACTTG	TTAAGTGTGG	ACAATTTAAC	TTTGTTTTTG	TTTTGTTTTT
302201	CTTTCTTTAA		GATTTATTTA	TTTATTTATT	TATTTATTTA
302251	TTTATTCAGA	ATACATTGTA	GCTGTCTTCA	GACACACCAG	AAGAGGGCAT
302301	CAGATCCCAC	TACCGATGGT	TGTGAGCCAC	CATGTGGGTG	CTGGGAATTG
302351	AACTCAGGAC	CTCTGGAAGA	ACAGTCAGTG	CTTTTAACTG	CTGAGCCATC
302331	TCTCCAGCCC	GAATTTAGCT	AATCTTAACC	CATCACCTTT	CACTTTATAA
		TCTTAGAGAG	CACAGGGCTT	GGATAAAGTG	AACAGTGGTA
302451	TTGTTACTGT		TGTTTTGCTG	TTTTTTTTTTT	GTGGGAACAG
302501	AAAGTAAGTT	TTGTTGTTGT			AGATCCCAGG
302551	GACCAAGGAT	GGTGGTTGAG	AGGTGAAAAA	GTCACATGAT CAGATCTGAG	TTTATTGCCC
302601	TCTCAGACTC	TGGAGAGCAG	CATTGGGGTG		GTGCCATGCC
302651	AATGCATAAG	CTTATATGCA	GTGTTTGAGC	CAATCATATC	
302701	ATCACCGTCA	CCATGCCCCA	ATAAAAGTCC	CATCACCTGT	TAGGACTTCT
302751	GAGAAGATGT	GGGAAGCAGT	CACCACCCTG	GCCTTGGTTC	CTATGACTAT
302801	CTTGCTGGTG	TTCTAGAGCC	ATCTTAGATC	TAATGCCCTG	GACAGCAGAT
302851	CTGGATTCTT	CGAGGAGTCA	CAGGAGCTGT	GGTGCCTCGC	TCTCCATCCT
302901	ACTTTTCCCT	TCACAAGGTT	GACCTCCACG	TCCCCCACAG	TTGTTTGTTT
302951	TTACATTTTT	ACAGGCTGAT	ATGATGTAGA	TATCATTTGT	TCCTAAGGAT
303001	TCATTTGTTA	GTAGCATGGT	CGGTGTGGTG	ATGTGGGAAG	TGAGATCTTT
303051	AAGAGTCAGG	TCTGGTGGAA	GTCTTTAGGT	CTTTAAAAGC	TCTTCATGAA
303101	AAGGAATTAA	GAACCTTCTA	GTGAAATCCT	GGGTTTTTCA	GAGGGTGGGT
303151	GGTTACAGGA	TTAAGAGTGA	CCCCTGAATG	CATCTTTGTA	TGGAGTTCTG
303201	CTTTCCTGTT	TGGCAATAGA	TCTTTCCTAG	TAGCAAGCTC	CCCTGCCGTT
303251	AGGCTCAACT	CTGCCAGGGA	CAAATCAATG	GAGCCATCCA	ATCTTGGCTT
303301	TTCCATCTCC	AAAACTGTAA	TCTAAACAAA	CCTCTTTCTT	TATAAAGCTA
303351	GCCTTCTTTA	GCTATTCCAT	TGTATTAATT	CTAAACAAGA	GCCTGAAACA
303401	CACTTGAAAG	AAGAAAAATC	AGCGTTGTAA	GATTTGTGTA	TGAGACAAAT
303451	CAGACTCATA	TTTCAGGAGC	CCTGTTCCGT	AACAGACACT	TGTCTCTGTA
303501	TTTAATTTGG	GAAAAGAAAA	ACAAATGGCC	TTCATCACTA	ATGCTAAATC
303551	AAATGAAAGG	AAACAACTCT	TCTTACCGTT	CTAGAAAACC	ATGGGATGAT
303601	TTTCAGCTTG	GGTCAATCGT	GAAAGCTTTT	CGTATAACTT	CCACAAATCC
303651	ATTCCACATA	CATTCATCCG	CTTACTAAGC	ACCTCCAGTG	CACCAGGCAG
303701	GAACTTGGGC	CGTGAGCTTA	GGTACTCGAT	GCAACAGTGC	CAAGTTTCTT
303751	CCCTGGAGGA		GCCGAGAAAA	AGAACATAAC	CAAGAAACTG
303731	CTAGAGCCAG	AGGAAGGAGA	ACTATTCAAT	GTATCAGAGA	
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	CTGTGGTCCT		GGGCTGAGGC	TAGCCTGTGG	TCCTAGCACC
303951		AGCACCCIGG	GTGGTCCTAG	CACCCTGGGG	GCTGAGGCTA
304001	CTGGGGGCTG		CTGGGAAACT	CATCAAGCTA	TATTTTTCTA
304051	GCTAGCCGTT		GAATAGAGCA		CACATGGAGG
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304151	TGAAAGGAGT			CAGAGGATTC	CCCCCACACC
304201	TCCCCCAAAC	CCAGAGGATC	CCCCTACACC		TTGAAGATAC
304251	CAGAGAATCC				
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304351	TGCGTGCATG				
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304451	TTTGGATCAC				
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304651	TCCTTGGAGT				
304701	CAAGACTCTT				
304751	GGTAATTTAT				
304801	CTCACATTAC				
304851	TTTCGTCCTT				
304901	TCCACTATCC	TTGCAAGTTI			
304951	TTTTTTTTC	AGACAGGGTT			
305001	CACTTTGTAC	ACCAGGCTGG	CCTCGAACTC	C AGAAATTCAC	CTGCCCCTGC

305051	CTCCCAAGTG	CTGGGATTAA	AGGTGTCTCC	TTGGCTTTTT	GTGAGTTTAA
305101	CCTGAGCCAT	AGCATGTGCT	GCATGCACTT	TGGTGGCCAG	TGGGCTCTCC
305151	CTCTAGTTAT	CACCAGATGC	CAGGTGGCAC	CCATACTCAA	GCAGGCAGGA
305201	ACTAGGTTTT	TCCCCTAAAA	GGAACTGTAT	CAGGAAACCT	GTCTGCTGCC
305251	CAGGCATTTT	CTGTCTGCTC	CCATTCTTAC	TACTGTCTTC	CTATTTGCAT
305301	TCTCATTTGC	TCACCTGGAG	CCTCCTCTAC	TGAGCCCTGA	CATAATTGAC
305351	CTTGACTTTC	ATCTTCTGTT	TGTCTTTCTA	GTGCAGTGTC	TATTAAAGCC
305401	TCCATTTCAG	CAATTCATCC	TAACTATGAA	TAGTACCACA	CACACAGAAA
305451	CACACACACA	GATATATACA	CACAGATGTA	CATACACACA	GATAAACACA
305501	CATACAGATA	AACACATACA	GAGAGACATA	CATACACAGA	TGCACACACA
305551	GATACACGCA	CAGACACACA	CACACACACA	CACACACACA	TTCTACTACA
305601	TGGCATTTAG	AAACATTTAG	AGACTCTTCT	TTTTTGCAGT	GAGAGTTGTC
305651	ACCATGCATC	GCATTGGAAG	AATAGGGGTG	GCAGAATCTA	TGGATATCTG
305701	GCATACTACA	GATAACTGTA	GATGATAAAG	AGATGATCTG	CCCAAAGCGA
305751	CAGTGACACT	ATAATGTTAG	CCACCATGTT	GGCTGCCTTT	TCTAACCAGT
305801	GCAACTTGAC	AACGTAATCT	AAGAGAAGAA	AAGTTTATGT	TGGCTCACAG
305851	TTTCAGGAGA	CACAGCCCAT	CATGGAGGGA	CATACATGCT	GGTGGCCATC
305901	TGTGGCAGCA	GAGCCTGGAG	CAACACCTCT	TCAGAGCATG	GCAGATCAAG
305951	GAGCAGAAAT	GGAACCAAAA	GTAGACCCCA	ATTCTAACCC	TCAAGAGCTG
306001	TCCTCAGTGA	CTTATTGTCT	GCAGGAGGGC	CATGTACAAA	GGTTCCATGA
306051	CTTTCTCACC	AGTGCCCCAG	GTGAGGACCA	AGTGTTACAA	TACATGAATC
306101	TATGAAGAAC	AATTCTTAGC	CAATCTATAA	CCACTGCCGT	GGATCCAGAC
306151	CAGTACACTT	TGATAATATT	CAGTATCTAA	AACACTACCC	ATGCTGGTGT
306201	CCACTTGCTT	CTTTTCTGGG	AACATCTTAT	GATAACATAT	CCTTTAGGCT
306251	TTGACGGGGC	CATTAGCCGT	ATATAAGCTT	TCTCTTCTGA	ACCACAAACG
306301	TCTCAGCAAA	CACCGTGGGG	GCTCCTCAGT	GTGAGCATGA	TGCAATCAAT
306351	GGGAATGTGT	TTGAAGACCC	AGAAACACTC	TCTGCTTTAT	AGAGAAATGC
306401	CTATCCCTTG	GCAAAAACAA	CAGCCATGAC	CCAGGCCAAC	TATCTCTTTT
306451	CTGATTCCAA	GGTCAAGCAT	AAAGAAATGA	GGCTTACTTG	ACATCATGTC
306501	AAGATCCCAT	CTAACCTAAT	TCAGAGTCTA	CCATACATAC	AGTCATAATT
306551	ATGAAAGTCT	CCACAAAGGC	ATGAAACCAT	GAATGAACAC	ATGTGAGGTA
306601	GTCCTCCCAG	TTCAGTTCTC	AACATAGAAA	AAAAAAAGCT	TTCCCAGAAT
306651	GCAGAGCAAT	GCCTACCCTC	CCCGACTCCA	AGGACTCGTG	GATTAGTAAT
306701	GTAGACAGGC	ACTAGAACTT	ATCCAATTAG	CTAAATTCCT	GCTCTGTCTC
306751	TCCTGACTCA	TCCTGCAGGA	ACAAATCACT	TCTGTACAGT	GAGCAATGGA
306801	GGGGCAGGGT	GCAGGGGAAA	GAAGAATCAT	CATGGAACTC	CTGGTAGACA
306851	CCAGGCCTTT	GGAAATGATT	CTAAGCAAGC	ATGAATGCCC	TTTCATAACA AACTAAATGT
306901	AGAAACTGTA	GCAGATAAAA	AGCAGCTTCA	CTTTATGGGC	CTCCCTTGAC
306951	AGTATAAGGG	TTGGCAGCTC	TACCTTTATC	CTGTGCCTGT	TAATCACTAA
307001	TTGGGGTCAG	ATTTCTACTG	AATTTGCCAC	ATAGGTGTAT	AGCTGGAGTT
307051	GGGTTATGTA		TTGTGTGTCA	ACTTGACACA ATGCCTCCAT	GAAATACAGC
307101	ATCACAGAGA		CCTCAAGGAA AGTGATCAAG	TGGGGAGGGC	
307151	TGTAAGGCAT	TTTCTCAATT		TTCCATAAGA	
307201	TGGTGTCATC	CCTGGGCTGG	TAGTCTTGGA CCAGTAAGGA	ACATCCCTCC	
307251	AGCAAGCCAG		CCAGTAAGGA	TTCCAGTCCT	
307301	CATCAGCTCC GGTGATGAAC	TGCTTCCTGA AGCAATGCGG	AAGTGTAAGC	TAAATAAACC	
307351	CAACTTGCTT		ATGTTTGTGC	AGGGATAGAA	
307401				AGGAGACTGA	
307451	AGACAGGGTA		CTTTGTCAAA		
307501	ATGTCCTCAC				
307551 307601	AATAACTAAG CACTCTCACC				
307651	AATTCCAGAA				
307701	TCCTCCTAAG				
307751	CACCCAGTTO				
307801	CGTAAGGACA				
307851	TGAGTTGTGT				
307901	CTCAACCCTG				
307951	AAACGGGCTG				
308001	ATAAAAATCO				
308051	GTGTATATGT				and the second second
308101	TGTGTAGGCC				
-00101	_ 5 _ 5 _ 5 . 5 . 5 . 5 . 5				

308151	TTCTATTTTG	AGATATGGTC	TCCCACTTGA	ACCTGGGGCT	CACTGGTTGG
308201	CTAGTCTAGC		GCTCTGAGGA	TCCCTCATGC	CTTCCAAGCA
308251	CTGGGGTTGT		TGACAACGGA	CTAGCATTTC	CATTAACCCT
308301	GGAGATTTGA	ACTCTGGTCT	TCATACTTGT	ATGGCAAGCA	CTGTATCCAC
308351	TAGTCTACCT	CCCCAGCCAC	CTCCTATACC	TTTTCCCATC	AACTCTGCCG
308401	GCTTTTCTTT		GCTGGATGTG	ACTTGTAATG	TTTCCAGCCT
308451	AGGACTTCAG	CTATAGTTTA	ATCATCTGAT	GTTCTTAGGG	ACCACAGGGT
308501	GAGCCTTGTT	TACCTTACTT	ATTTTGCAGG	CTGGAGAAAC	TGATGCCCAG
308551	GAGGAGTTGC	ACGAGAGGGG	ATGGAAAAAG	TAAGGGGCTG	AGATAGAGAC
308601	TTGCTCTGTA	ACAGGTGGAT	CTTACATCCC	ACTCCTGGTG	ATACTGATAT
308651	ACATATATGT	ATATGTATAT	GTATATGTAT	ATGTATATGT	ATATGTATAT
308701	GTATATGTAT	ATATATGTGT	GTGTATGTGG	TTTAATTTTC	CCTTTCCCTG
308751	CTATTACAGG	GAAGACACAG	CTGCCTCACT	TTTGCCAGCC	ACACAGAACA
308801	TGAGCTCCTT	GTGGCAATCT	GTAAGGAACC	CTTCTCGCTC	TCGATCTCCA
308851	CCCCAGATCC	CCTCTTCGGT	GCCCGTGAAG	CCCAAGTCAA	AGCTATTCCC
308901	AAGATGAAAT	GTCATTAGCG	TCCTCTACTC	TTGGAGACAT	ACTCCTCCTG
308951	CCCTTTACCT	CCTGTCACCA	CACTCTGCTT	TCCACACAGC	TAATCTGATG
309901	TAGCCACCAA	CAGGATTGGG	ACATGGCCTG	TCATGTGGAT	TTGTTAACTC
309051	CAGCAAAGAT	TATCTAAGGT	TGCTCTTGGC	TAGAAAGTTT	GGGTTCCCAA
309101	GTAAAAGCCA	GACAATTCTC	TTCCCAGCTC	TGTAAACAAC	TTTCCAATGG
309151	GGATGCCCGC	TCCTGATGCT	GTAGGGCCCG	AGTGTTTCCC	AAGCCACCGG
309201	ACAGGTCAAG	CTGCCCTTTG	CAAGTTGTTG	CATGCAGACT	GGCCTCTTTG
309251	TTTCCCCCCCT	CTTTTTCCTG	ACATTGTAAA	TTCCAAAGAA	ATGCTTATGA
309301	TGTTAAATGC	CAGAGTCATC	TCTACCAGGA	ACAAGGAACA	GAAAAACCCA
309351	GCAGGTCATC	AAGTCTTTCA	ATCAGCAATC	TTCCTGCACA	GAACCCAGAA
309401	TATCAGTGAT	TTTTTTCAGA	TAACGCCAGA	ATGAGCATCA	AAGAAGTGGA
309401	CCACTGTAGG	AGTCAAGATT	GCTCCGGCAT	TTACCTAGCC	ATCTGTAGCT
309501	AAAGAGTGCT	GTGTTAAATT	TGATGTGCAA	GTTCCTCACT	TACAGTTGTT
309551	AGGGAGGATG	GTTTGTTCTG	GACAGGAAGG	AATCTATCAG	CTTCAGCTTG
309601	CTGGCTTGCT	GCTGGTAAAA	GCTCCTTTCT	CTCCTGTCAA	GCTGTTTCTC
309651	AAGTCCCCAG	CTTCCTCAGG	AATCAGTAGA	ATGAGCCTTC	TCACAGTGAG
309701	AGACCCGGAG	TTTACAGCTG	TAAACTTACA	GTGAGCACAT	CAGGCACTAA
309751	CATGCATGGG	TGGGATTTCC	AGGCACAAGA	GAGACTTGGA	ACATAGAAGG
309801	GAATCCCATG	GCCAGACTGT	CAGCATGGTG	GGGGAGGAAA	GATGAATGGA
309851	ATGTTTTGCA	GTCTCCCCAC	CCTTTCATCG	TTCTCAGTCA	GGATGGTTCC
309901	TTATAGCAAA	AGAGACCAAC	AAGAGATCAG	GAACCCAATG	TTTAACAGCA
309951	TGAGTGCCTG	GGTAATAGGA	AACAGAGAGT	AAGAAAGAGT	AAGTTCAGGC
310001	TGAAATCCCA	TCCGTTCCTA	GAACAGAGAG	GGGGGTGAGG	GGCAAGGCTC
310051	TGCGGAATCC	TGGCAGGATA	CTCAGGAAAT	GCTCAGCAAA	CATGATTAAC
310101	ATTTTCTGTG	TGCTTCCGCT	TCATGCCTTC	CCTGTTGGGC	TGCGTTTCTA
310151	GTTGCGTAGA	GTCAGCCATT	CCTCTTGGCG	CTGAGAGGAG	ACACCTTAGC
310201	AAAGGAAGAT	TTCCTTTTGA	GATGGAGATT	CCTCTATAAA	AAGGCTTTCT
310251	TCCGTTCTGT	CATCAGCTTC	TCCTGTACCA	ATAACCAGTT	CAAAATATTC
310301	CTTACACCGT	AGAGGCATGT	TGGGCGTGAC	ATATACCAGC	GCCCGACAGT
310351	CACATTTTGT	AGGAGCAGGT	TCTGAACTCT	AAGCATCTCA	TACCCCCCC
310401	TTCCCCCACT	GATTCTTCTT	TTTAACTCTT	GAAATGGCTT	TGAAAAATAC
310451	TTCACCTGTT	ACCACAGACT	TCCTTGCTCT	TGGCTGGCTC	ACTTAGTTAT
310501	TTAGCAAACA	AGTTTTCCTA	GTGTCTCCAG	TGCACCACGA	TAGGTATACT
310551	TAGACGGAGG	CTACCATAGC	TGGAGAACAA	ACAAACAAAC	AAAATAGGCC
310601	CTACCCTCAT	AGAGCTTTTA	ATCTTCTTTA	. AATTCATAAC	TATAGTAAAT
310651	GATAAGAAGC	AAACTACGTA	GGCTAGAGAG	GAGAGATGGC	TCAGTGGTTA
310701	AGAGCACTGG	TTGCTCTTCT	AGAGGACCTG		
310751	CACAGCATCA	GAAACTATCT			
310801	ATCTTCTGGT				
310851	CAGGTGAAAC		GTAAAATAAA		
310901	GAAGCAAGCT				
310951	ACAGGCTGTG				
311001	CTTGCTGGCT	CGGTTGGTTG	CTTTATTCAT		
311051	TTACGATAAA				
311101	GGCAGCTGAA				
311151	CCAAGTACTG				
311201	TGGGAAAGAG	AGGTGCCTAA	. TCAAGCACTI	TTGGTCAGG	TGTGATATGG

311251	TTAATCACTG	TCTCAGGCTT	GCTTCTGCAA	GGTGGTTGGA	
311301	ATTGTATAAT	AAGGGACCAC	TTGTTTTTCT	CGAAGGGTTT	GTTTCTGCTT
311351	GGGGGTAATC	TCATCACCGG	CTGATCTGTC	TTCAAAAGTC	TGTTTCTAAA
311401		GGTTTGGGAC	AGTGTCTGGG	TTTTGTGGGG	CACAGAGCCA
311451	GACCATGGGA		GTAAGACACC	TCGGTCACTC	TCATCTTTGT
311501	GTCTTTAGTT		ACAAAAATAG	GTTAGGTGTC	ATCAGGTTCA
		CTCCTTAAGT	CATCAATGTG	CCTATATGCC	GAGTTCCTAA
311551	AGGGGGGACA			GCTGCAGTCT	AGGGTTGCTC
311601	GGAGTGGCCA	TTATGCCTTC	ACAGAGTTCA		
311651	GTTATCAAAA	TTGAGAAGAA	CAAAAGAAGT	TACGATAATC	CACATTTCTG
311701	TTTCATGGTA	AAGATTTAAG	AGAGTAATAA	TATGTACAGT	TAAAACATTT
311751	TTTAAAATGG	GCAATTTCAT	ATACTATTGA	GGAATATATC	ACTGTATAGC
311801	CTTCAGTGAA	GAGCAACTGG	TGGTTATAGA	CATCCCATAA	CTATGGATTC
311851	CACATTAAAG	AACTCAAATA	ACCAAGAACA	GAAAGTATTG	GAGATTGTTC
311901	AGGACTGATG	TAATCCCTAC	CACTATCCCC	AACACACAAT	AGTAAAATAG
311951	CTGTCGACAT	AACGCTCACA	TTGCATTGGT	TACTAACAGT	GGTCTTGATG
312001		CCAGGGAGCA	TGTGTGTGCA	TTATTTGCAA	ATACTATCCA
	ATCCCTGTAA	GGAGCTTGTG	CGTTCACATA	TTCTGGTACC	TGCAGGGAAG
312051			TGCATAACAC	CAGATGACTG	TATACATTAA
312101	GCACTAGAAC	CAATTCCCTG			GATTTTTTTG
312151	AATTAAAATC	TTAAATATGG	GTTTGATTCG	ATTCCACAAT	
312201	GGAAGACTGA	AAATGAATGG	ACAAAACCCA	TTACATCATT	GCTTCTAGGG
312251	CAAACTGGAA		ACATGCTATG	AGAATCTATG	ATACTGTAGA
312301	TCCAAATATA	ACTGGTTTCC	TGTAGTATAG	TCTTTCTAAA	GGAGTGAATT
312351	ATTATAAAGT	AAATGAATTT	ACTTCCTTTC	AAAGAACATT	GAAAGAGTTC
312401	AATTTCATAA	CTCTTATCTC	TACTTAATGA	TGTATTTTTG	CTTTGAAGCC
312451	TTATTGTTAA	ATATTTCAAG	CACCACCAAC	CAGGGGAAAG	ACACAAGTTT
312501	AATTAATATC	TATTAATGAA	AAATGATGTA	TGAGATATAC	TGCTTATTAA
312551	AACCATCATT	ATAAAAGAGA	ACATATATCA	TGACCACTTA	TGTTTAAATA
	TATACAAAGG	CTCCCAGTAA	TTACACAGTC	GTTCACATCA	GACTAAACTT
312601			ACATATATGC	AAAGTGCTAA	AAACAGATTC
312651	CCCATTAATA				TGACTTCCTC
312701	AATATCAGGC	ATGAACTGAT	GGGTTATACT	CGCACCTAAC	CTAGGGAACT
312751	CCTACATGTT	CACACGTCTG	CAGGAAACAG	GCTTAGTCAA	
312801	TGAAGGAAGG	AGTAACAGAA	GGTTTGGTCC	AGCGGAGAGG	GAGAGCCCAG
312851	ATGTATGTAC	AGAATCTTGG	CAGAATCCTT	AAGTGGAAAC	ATACAAGGCA
312901	AAATTCCAAA	GATCACAGCA	GAAAACAGCA	GCTGGAGTTC	AGAATGATGA
312951	GCAGAGATTT	CAGCAGCTGC	TTGGCACTGG	GAAGATAGGG	TTTGAAGTTA
313001	AAATCCTATC	GACTCAGGAA	AACGGGACAA	ACATCTCTAG	AATCCAGTCT
313051	GTAAGGCATG	AGCAGCGTGC	CTCTGCTCTA	TGGAGCACAT	TCCCAGAGTG
313101	TGAGCCGTAG	CATAGGACTG	AGGACAAAAC	TCAACATGAC	GAGCTTAACA
313151	AGGCTTAGGA		GCCACAGAAG	GGGTATCCAC	AAGAAGCTCA
313201	GCTTCCAGTG	GTGTAAAACC	AAATACCTGT	CAGAGGAAGA	
313251	TCTGCTCTCT	GCAACGTCCC	ACATACAACC	AGGATCAGGG	ACGTGCAAAG
313301	AAGTAGAAAG	GTATGGATCA	GAACAAAGAG	GAAAAACTAA	CGAATGCCAG
313351	AAAATAAAGG	GATCTCCACA			CAGCATATAT
313401	GGAACTTAAG	ATGACTATCA			
313451	TGAAGGTGTG	GAGGTTGTAG	AGAAAAAAAA		
			TGACACACAT		
313501	AAAAATGGAA		AAGACACATA		_
313551	GATATCTGAA	GTTGAAAAAA			
313601	CTAAGACTAT				
313651	GCAAAGTAAT				
313701	ACAAAACCCA				
313751	AACATCAATT	' ATCTAAAGGA			
313801	GTTAATAAGA	. CCAAAGATAC			
313851	ATTTGAATAG	TAATATGATT	TTGGTTTTGA	GACAGGGTTT	
313901	CCCTGGCTGT	CCTAGAACTA	. GCTCTATGGA	CCAGGCTGGC	CTCAAACTCA
313951	CAGAAATCTG	CCTGCCTCTG	CCTCCCGAAT	' ACTGGGACTC	AAGGCATGTG
314001	CCGCCACCAC				AGGAGGAGGA
314051	GGAGATATCT				
314101	AGAAGGATGC				
314151	GCAAGGATTG				
314201	GAGAAGTAAA				•
314251	ACCAAGGTTA	AGACCAGCCI GTCTAACCTC		C AGCATCCTCT	
314301	AGACTICTCE	GICIMMUCIC	CONGIANCAC	. AUGUALUCIU	COLLILIANO

314351	ATGCTTGCTA	GGTAGCCAAG	GAGGACCTAA	AACCTGTGAT	CCTCCTGCCT
314401	CAGCATCCCA	AATACTAGTA	TTATTATAGT	CAGCCACTCT	TCTTCCCAGA
314451	TAAGCATTTA	AAAAAATTTA	TTCCAAGTCT	CTGAAATTAT	ACTAAAGACA
314501	TACAGTAGAC	AACCAGTGGA	GAAATATGTG	CCCAAGAAAA	ACTTATATCT
314551	TGGTAAACAC	TGGATGAGCC	TGTGGTGCCT	GAACCATGAC	CCTGTCAGCT
314601	CTACCCTGGA	CATGGAAAAT	TATAAATTTG	AGGGGAGGTA	TTTTCTCTCT
314651	CCTGTACTCC	CAATTTGGGG	CTACAATGTC	ACCCTTTCAG	GAACAGAATG
314701	CTGGCACATT	TTGTGTCAGT	GATTCACCAA	AGGATGATAC	TCTGGACTCA
314751	AATAGCATGT	AAATGCAAAA	AGTGTTTTAT	TCTGCAGAAG	TCGGCATTCT
314801	GGGGTCTCCC	ATTACCAGCA	TAGAGAGAGA	CGCTCAAATG	AGTTTGCAAG
314851	CCCGATTTAA	AGCACATTAG	GGAATTTCGG	GGTAGGTGAC	CTCTATGTTA
314901	ATCTGTCAGG	TCCATCTCTA	TGGACACTCT	ATTACGGGTG	TGTAGGGGGC
314951	TGGAAAATTG	ATGGGGTGAT	CTGGGAACTG	TTGCTGAGGA	AGTCTGGAAA
315001	CTGCTGCTGA	TCCGTTGTCC	TTGCCTCGGG	CCAGGTGGCT	GGGCAGCTGC
315051	TGAGGCCTGG	ACTTGCCCAA	TTCTTGGAAA	CAGGGATTTA	GGTGTTCTTA
315101	ACTTCTAGTT	TGAAGCCTGT	CATGGAGTCA	GCCTAGCCTT	CTCACTCCGT
315151	GTGGTAGGAG	CTGTATTTCA	GGTAGGCAGA	ACCAAGGGCT	CACTTCTTCT
315201	ATCAAGCCAT	ACCAATGCCC	TACTACAGAA	AAATCTGTCT	CAGCTGCCAT
315251	AGGCCATGGG	TACTGCTGCT	TTAACTACTG	TGTCCACTGT	GGCCTGGTCA
315301	GAGAGTAGAG	TTTCCACACT	GGCTGAGGTG	GCAGGACGTT	TCCTGGGGAG
315351	TCCATTTCTA	TTCATCTCAG	ACCCAGACGG	TGTCTCAGTC	TTTTTGCTGT
315401	GAAGAGACAC	CATGACCAAG	TCAACTCTTA	CAAAAGAAAG	CATTTAATTA
315451	TGGACTTGAT	TACATTTTTT	TCAAAGACTT	AGTCTATTAT	CATCATGGCA
315501	GGGAGTGAGG	CAGCATGCAG	GTCTACATGG	TGGTGGAGCA	GTTGAGTGTT
315551	CGATGCCACA	CCCCCTAATC	CTTCATCTTG	TCAAGAGTTG	CACTTCAATT
315601	CAAATATATG	AGCCTATAAG	GGCCATTCTT	ATTCAACCAC	CACAGCAAAG
315651	ATGAACCAAA	GAAATAATTC	TAGCCCAGCC	CAGCCCAGTC	CAGCATAGTG
315701	AATCAATGAG	TTTGCCAGGG	TTACTTGCAA	AGCATTGAGA	TGAGACATTA
315751	CTTCTAGGGG	TGTGGTCAGC	AGAGCCACTG	AAAAGTCCTC	TCAAGCCCAG
315751	TAACAACTCT	GGAAAGCTGC	TTTATGGCAG	CGTCCTGCAC	AACTTGTGGG
315851	TGGATATCAG	CCCACAAAGG	TGGTCTTTTC	TCCAGCAATC	ATTTACTGCT
315901	TATACAACCT	CAGGAAGACC	CTCATGGGAA	TTGTAAGTTT	CTTTCTTTCT
315951	TTCTTTCCTT	CTTTCTTTCT	TTCTTTCTTT	CTTTCTTTCT	TTCTTTCTTT
316001	CTTTCTTTCT	TTCTTTCTGT	CCTTCTTTCC	TTCCCTCCCT	CTCCCTCTCC
316051	CTCTCTCCCC	CTCCCTCTCC	CTCTCCCTCT	CTCCTCCTCC	CTCTTTCCCC
316101	CTCCCCCTCT	CCTCGACCCC	CTCTCCCTCG	CCCTGTAGCC	CCCACACCAC
316151	GACAGAAGAG	ACCCAATACA	GAGCCTGGGA	ACGGAGTGCC	CAGATAAACT
316201	ACGCCACCAG	AAAGGTAGCA	ACGGCGGGAA	CGTTACGCAA	TGAACAACAA
316251	AATGCAACAT	AGAGCGACGG	AAACAACATA	ACCACCCACC	CAAAGACAGA
316301	GAAGCATGGA	ATATCTCAAC	ACATCAGAAA	CGCTACCCGG	CCAAAACACA
316351	AACTATAGTC	AGCTGATCAT	TCAGACGCCC	CCCAAAACCC	TGAGACGCAA
316401	TAGTACCAAC	AGAATAGACA	GGCCCACACC	GCCCCAATAC	TGAGGAGACT
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316501	CTTTGACAAT	AACATATACT	CATACAAACG	CATGGACATG	GTCCGCAAAT
316551	CAACCGAAAA	TAAAATATAC	AGACACTCGC	AAACATATTC	TCCCAACAAC
316601	AAATCCATGT	ACCATGTGAA	ATACATCTCT	ACAACACCTC	CCCCCAAATG
316651	CTATGGATAT	AGCGAATGCG	AACTACTTAG		
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	TAACAACTAC	GCCGTACAAA			
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317251	GTTGGTCTAG				
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317351	TGTTTTTGTT				
317401	TCTGTGTTCT				
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317451	TTGTCTTTTT	GTGTTTTCTT	GTTTTTTTGT	ATTCTTGTTT	TCTTTTCGTT
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317551	TTCTTTTTT		GTGGTGGTGC	CTTTCTGTTC	GCTGTGCCTC
317601	CCTGTCACAG	TGTGCGCATT	CTTTCTCCGA	TGCGCTGTGC	GTGGCGCCGT
317651	TGTGCCGCCG	TGCCGCTCGG	TGGCGACACG	CGTCACCCCT	CTCGTCGGTC
317701	CCCGTCTGCC	GTCGCCCGTC	GTGGCGCCCT	CCCCCTCTCC	TCGTCCCCCT
317751	CTCCCCGTCC	CCCTCTCCCT	CTCTCCCTCT	CCCTCTCTCC	CTCTCCTAGA
317801	GAATATTTTG	ATTTAAATTT	TTATGTGTGT	GGGTATTTCC	TCTGCATACC
317851	TGTGCACCAT	GTGTATGCAG	TGCCCTCAGA	GGCCAGAAGA	GGGCATCACA
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	GGGTTCTTAG	GAAGACCAGC	AAGTGCTCTT	AACTGCTGAG	CCATCTCACC
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318151	CCTGGCTGTC	TTGGAATTCA	TTTTGTCAAC	CAGGCTGGCC	GCGTGCGCCA
318201	AAATCCACCT	GCCTCTGCCT	CCCGAGTGCT	GGGATTAAAG	
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318301	ATCCAGATCA	AACCAGATTT	CCTGGGCCCA	AGGCCCAGCG	TTAGCTCACT
318351	TCTGAGAACC	CAGACTTAGG	AGACAAACAA	TGTCAGGCTG	TCCTCTGCGG
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318501	TCAGAAATGA	GTGAAAACAG	ACCCAAATGG	CAATAGTGAG	AGAGTTGGAA
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		CTCTGTAAAA	CCTAGCACAT	TCGTCTTTGA	TTTCTACATA
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319201	CTTCACTTTG	TTCCAAAGAG	CATGACTACT	AGGGATAGGG	ATATGTCAGG
319251	AACCCACTTG	AGAGGTTGGC	CATCATAGGT	CTCTAGTGAC	AGGCAGAAGA
319301	AGTGAGTCGA	AAGAGAAAGT	ACTGCTTTTA	ATGAATAGTG	CATCCATCCA
319351	AGTCTTAATC	ATGGACTAAC	AGAAAACCAC	ACATCTGTGA	CCCCAGCAAC
319401	TCAGAGGCTG	TTTAGAAGGA	CTGTAGGTTC	AAGGAGAGAC	AACACAACAA
319451	ATAGATGCAG	AATTTCTTAC	TACTAGATCC	CTAAATCTGG	
319501	ACTGTACTCT	TTAGAAGAGA	TACATTGTAT	CTAGAAGAGA	
	CTAGAAGAGA		ATCTAGAAGA		GTCTAGAAGA
319551			GATACATAGT		
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319651	GGAAAGACAA				
319701	TATAGATGCT	GAAAGAAATG	ACTATTCTTA		
319751	AAGCACTGTT		GCATCCCTGC	CTGCTGACTA	
319801	TCTCTGGCCA		CAACTTAATC	TCCTTGTAAT	
319851	CAAGAATGAG		TTTTGTCCTG		
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319951	TGTAACCTGT	TTCTAAAAAG			
320001	AGGCATGGTG	GGCAGAACAG	GCTAGAGATG	TAATTACTGC	
320051	ATGAGCTTCC		TCTAGACATI	TTTTCCATGC	CATGGGCATT
320101	TGTGTTGTAA	AGGAGCTTTG	GGTCCACATI	' CAAAAAAAAAC	
320151	GGAAATAGAA		CATGTGTCAC	TTGCCTGCTC	TTTGCAGAGG
320201	TGAGAAAGCA		AGGTTAATGG	CTGGAAATAG	: AATATAGGTG
320251	CTTCTTCCTT				TTCCTTCCTT
320301	CCTCCCTTCC				
320351	CTCTTTCTTC				
320401	GCAAGGGCTC				
320451	CTTCAACTGT				
			ATCCAGCACO		
320501	AGAGCACTTC	. CICAAGCICA	AICCAGCACC	. AICICAAACG	DIGITAGIGIG
			111		
			111		

320551	ATTCAGGCAT	ACACTCCTTG	GCTGTGCCTT	CTGGAAAATA	GGTATATAAC
320601	AACAGCTGCT	GACTTCTCCA	CATGGTTCCA	AAACGAAAAA	GGAGATACTA
320651	GCTGTGAGTC	ATATATGTGG	GATCAAGGTG	TTAGGCAAGA	TAGGAAAGCA
320701	GTCTTTGGAC		ATAAGCAAGG	TCGACACCAA	GATGGCCAGG
320751	ACCCTTGCCT		TCTCAAGAGT	GTATTAGCTC	TCTGCCCTTG
320801	GATATTTCAT		TCCTTCATGT	GACTTTGCTT	CCCCTTATTC
320851	CCAGTGGGGC	TTGAGCCACT	CTCTGTCATT	ACAAGGAGGA	GTGCTCTTTT
320901	GAGAGCAGAA	AGCTGACAAC	CCTAGTCATC	GTACTAGGAG	TTCCTGGAGC
320951	TTTACCTGTT	GAATATGGAC	ACTGAGGCTG	CCTGGCAACT	ACAGCTCCCA
321001	GCGGAGATTT	ATCACAGAAA	ATGACCTCAG	TCCAGAGAGC	TTCCATGGGG
	ACTGTCATAT	GCTATGGCAT	GGCGAGCAGC	AGGTTTGGGA	AGGACGTTAA
321051		TGCTTTTCAG	GCTCAAGGTG	GGGAGTGAGG	CACGAGCGAG
321101	CATTATCCAG GCTGCTATCT	CTCTGACTTT	GCAGAGAAGG	CTAAAGCTCT	GGAAGGTCAA
321151		TAAGGCCACA	CAAGCTTAGG	CATGGGTAAG	TTAACATTTG
321201	CTGGGTCGCT	CTTTGAGGGT	TTCTGTCACT	TCATACCAAG	GGGTATCAAA
321251	AATCTGCATT		AAAGGAGAGA	AAATACACAG	GGAGCCAGAA
321301	TATAGTCACT	TCTATTTTGT		TCACAAAGGC	CCTGTAGTTT
321351	TAATTACACT	GTCTTAACCA	GAGGCTGAGA	TGATTTAAAA	TGAAAAAAAT
321401	TGCCTTCAGG	CAAAAGTGGG	GTCAAGCTGT		TTTTTAAACA
321451	GAAATTCTTA	CATTTCTCTT	GAGACGAGGT	ACAGAGGTGC	CAGCCATGCA
321501	ACATTTCCTC	TTCAAACATG	CCCGCAGGAA	ATGCCCGTGC	CAGCCATGCA
321551	GGCCTATTAA	TGGTTAAAGG	GCAAGGGTCA	CACTGAGATA	
321601	AAAATAAAGT	TATGAAACCG	TATCAGTCTG	GCAAGGAGAA	ATGAAAGGAA
321651	ACACAGAATG	TTCTCAGATA	CATAGAAAGG	GTTTTGTTTC	ACAACTTCTC
321701	TAAACAAATT	CTAAACCTTG	TGTACTTCTA	GGAAGCCGGG	CAGTTAGCGA
321751	CTACCCTGCT	GCTCGCAGCC	AGTGCGTAGC	ATCGTCAGAG	CATGACCTGA
321801	CTTGTGAGCC	TGCTGCTCCT	GAGCAAACAC	GTGCTTTCCT	GGTAGTGATT
321851	CTTAATGTTT	CTGCTGGAAG	GTTGATGGTG	CTCTGAGCAC	TTTAGTTGGG
321901	AACATAGATT	TTATTGAGTG	CCTAGTCAGC	TGTGACCAAG	TTACAAAGGC
321951	TACACATAGA	GTCACGTACC	AGCTCTGATA	GGGAAAAGCA	GGCAAGCCAT
322001	CTAAGAGTTA	TGGCTTCTCT	GTTAGGGTGA	GAACTACAAT	AAAAGTAGGC
322051	CAGGGTACCT	GGGAGAGTTC	AACAAAGGGT	ATCCAAGCCA	GTGTTGGAAG
322101	TTCAGCAAAA	TGTTCCTGGC	TCAAGTGTTA	TCTAAAGCAA	GGCCCCAAAG
322151	ATGGGGAGCT	AGTGGGGTAT	GTCTTAGGGT	TTTACTACTA	TGCACACCAT
322201	GACCAAGGCA	ACTCTTATAA	AGAACAACAT	TTAATTGGGG	CTGGCTTACA
322251	GGCTTAGAAG	TTCAGTCCAT	TATCATCAAG	GTGGAACATG	GCAGCATCCG
322301	GGCAGGCATG		AGCTTAGAGT	TCTACATCTT	CATCTGGAGG
322351	CTGCTAGCAG	AAGACTGACT	TCCAGGCAGC	TAGGATGAGG	GTCTTAATGC
322401	CCATAACCAC	AGTGACACAC	ACACTCCAAC	AAGGCTATAC	TTACTCCAAC
322451	AGGGCCACAC	CTTCTAATAG	TGCCACTCCC	TGGGTGGAGC	
322501	CATCACAGGG		TCCTTTCCTG	CAGAGAAGAG	
322551	AAGGGCCAGA	AGAGAATATG	TATGTCTGGG	AAGTTGAAAG	
322601	TGGCTAGTGG	AGATGGTTGA	ATACTCAGGT	AGAGACTTGT	
322651	GTGTTAGAGA	. CTTAAGGATC	ATCAGAGATT	TAAGAACGAG	
322701	TAACTTACAT	TTTAGAAAGA	TCATGATTCT	GGGCATGTGT	
322751	CCCTGCAGAT	TTGGAGCATG	AGATACAGGA		
322801	TGAGGTGGTA	GCTGTGGTTC	ATACTCTAGA	. CGGTCATGGT	
322851	TCATATTGCC		AAGAAGAAAG		
322901	GAAGTTTATC	AGATCAACAA	GACTCTGTGT		
322951	TATAGGGAAG		TGCACGCGGT	ACCCAGGTTT	CTGGGATGTT
323001	GATGAGATCA		TACTGAGCAC	TGCAGAAGAA	
323051	TTGAGAAGTG		GTATATTAGC	: TGTTCTCTTC	TTACTGTAAA
323101	AGAAAAAAA		GGAACTTAAG	GAAAAGTTCT	
323151	GTTCATAATO		CATGCCAGCT	AGAGCAAGAT	GGTCACACTG
323201	TGTACACAGT				A GCTTGCTTCC
323251	TCTTTTGCAZ				G TGACATCATT
323301	CTTGCCCAG			CTCCGACAC	A TAAGCACAGA
323351	GGTATGCTT				A GCTTAACCAT
323401	CACAAATCC			AACATGTAGG	G GTGACCAGAT
323451	GGAGTTCTT				
323501	TTCATGTGT.				
323551	CAGAAATAA'				
323601		A CAGCCTTCT(			G CCCTATGGAA
323001					

325701 GTAGTCAACA AAGATGAGAG GAGTTGGAGA TTTCAAGAGC ACTTTGACA 325751 CAGATGTGGA GATGAAGAGA TTGGAGTTTA CCCAGCTGGT CCAGGATTT AGAGTGTGAGA TTTCATTGAGAGTTTA TTGACTGTGA TGTTTTGAGAGTTAT AGCAGTTTA AGCAGAGTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG						
AAGCAATAC ATTGCATGCA TTCTATTTTT CAACATTAT ATGATTATGG AAAGCAATAC ATTGCAGTTT TTAAAAAAAAC CAAAAATGCAA TGTTAAATGT AAAGCAATAC ATTGCAGTTT TTAAAAAAAAC CAAAAATGCAA TGTTAAATGT CTGCAGGGCCAC ACTGCTGCTG CAGCACAC AGGCCACAC AGGCTCACT AGGCACACT TAGAACACT AGGCACACT TAGAACACT AGGCACACT TAGAACACT AGGCACACT TAGAACACT AGGCACACT AGGCACACACT AGGCACACT AGGCACACACT AGGCACACACT AGGCACACACT AGGCACACACT AGGCACACACT AGGCACACACT AGGCACACACT AGGCACACACACACACACACACACACACACACACACACA	323651	AGCAGAGGTC	ACTGGGACTT	CAGACCTTGA		
AAAGGARTAC ATTECAGTT TTAAAAAAC TGAAAATGAA TGTATACTTACTT 323851 GTATCTTATC CTGGACCAC GATGAGAGGT ATCATCACTCT 323951 CATGCTCCAC ACTAGTGGTT CTCCACCTGT GAGTCTGGC 323951 CATGCTCCAC ACTAGTGGTT CTCCACCTGT GAGTCTGGC 324051 ATATTTACGT TAGAACTCCA ACAGTTAGCA AAATTACAGG TATGAAATGAA	323701	AGAAAACTCT	AAGAAAAATC '		_	
323851 ANGCARTAC ATTICACTTT TTANAANAAC TGANAATGAA TOTTTATATT 323901 TGCAGAGGCA ACGACCACA ACTGCTAGTC AGGGATGCTG 324901 AGTCAAATAA CCCTTTCACA GGGTTAGTC AGGGAACTC AGGGATGCCG 324001 AGTCAAATAA CCCTTTCACA GGGTTAGCC AAAATTACAGG TATGTAGCTG 324001 ATATITAGGT TAGAACTCCG ACAGGTAGCCA AAAATTACAGG TATGTAGAGTA 324101 CAATGAAAATA AATTITATATT TTGGGGATCA CCAGAACAGG AGGACTGTG 324201 TAAAACTGTGA CACTCATAG GCACTGCTG TCTACAGTGA ACAGTAGCA AAAATTACAGG TATGTAAGTAG 3242201 TAAAACTGTGA CACTCCATAG GCACTGCTGC TCTACAGTGA ACAGTAGCA 324231 AAGAAAATT TAAGTATATG TTGGGGATCA CCAGACAGG AGGACTGTG 3242301 AAGAAGAATT TTAGTATTGTG TCTCAAAGAG TTCTTTTTGG 324351 AAGAAAATT TTAGTATTATGT TCTCAAAGAG TTCTTTTTGG 324351 AAGAAAATT TTAGTATTATGT TCTCAAAGAGT TTCTTTTTGG CTTTTGTTGT TAGGAATTATG GAAGACATT 324451 CCAGCAGAGA CTTTTTTTTG CCTTTGATTTG AGGGTTCTACAGGT TATCTTGTGT 324451 CCAGCAGAGA CTTTTTTTTTG CCTTTGATTGT TTAGGAGTTTAAAAGAAAAAAAAAA		AACTAAGTGA	TAGCTTGGCA '	TTCTATTTTT	CTACCTTATT	
	323801	AAAGCAATAC	ATTGCAGTTT '			
323991 TGCAGAGGCA ACGACCACA ACTGCTAGT C AGGCAAACTG AGGGATGCTGGC CCCTTTGGCA 324001 AGTCAAATAA CCCTTTCACA GGGTTACCT AGACCATTG GAAAATGCAGA 324051 ATATTTACCT TAGAACTCCG AACGTAGCA AGAACCAGG AGGAACTGCA 324101 CAATGAAAAT ACTTCACA GGGTTACCT AGAACCATTG GAAAATGCAGA 324101 TAAACTGTGA CACTCATTAG GCACTCTGC TCTACAGTGA ACTGCATTGA 324121 TAAACTGTGA CACTCATTAG GCACTCTGC TCTACAGTGA ACTGCTTTGCACAGAGACAGG AGGAACTGCA 324221 TAAACTGTGA CACTCCATTAG GCACTCTGC TCTACAGTTAG GAGACATTG 324301 AAGAAGAATT TTAGATTATGT TCTCAACAGT TAGAGACTTG 324301 AAGAAGAATT TTAGATTATGT TCTCAACAGT GTTCTTTTGG GAAGCAATT 324301 AAGAAGAATT TTAGATTATTGT TCTCAACAGT GTTCTTTTGG TATCTTGGTG 324301 AAGAAGAAGA TTTATTATTAT TCTCATCAACAGT GTTCTTTTTGG TATCTTTGGT 324401 GGTAAAGAGA TTTATTATTAT TTGCATTTGAACAGT GTTCAACAGAACC CAGCAGAGA TTTTATTATAT TTGCATTGAACAGAAGCAT 324451 TGAATCCTGC ATTCAACAGA TATAAAGAGACCT TCAAAGAAACAGAT TTAGAGAAGCAT TAGAAAGAACAGAT TAAGGAAGTC CAAAAAGAAA AACAACAAT TAAGGAAGTT CAAAAAAAAGAAA TAGAAAAAAAAAA	323851	GTATCTTATC	CTGGACCAGC			
323951 CATGCTCCAC ACTAGTGGTT CTCCACCTGT GAGTCCTGGAAATGCAA 324051 ATATTTACT TAGAACTCCG ACCAGTAGCA AAATTACAGG TATGAAGTAG 324051 TATAACAGGTC ACTACTACA GAGTCACTCA CACAGACAGA GAGAACTGTG 324151 TTAAAGAGGTC ACTCCATTAG GCACCTCTGC TCTACAGTGA ACTGCTTTGC 324201 TAAACTGTGA CACTCCATTAG GCACCTCTAG TAGGAATATG GAAAGCATTG 324351 AAGAAAGGA TTTTAGTATTGAC TGTGCATTAC TGGCTCTTAGA GGTTTCAGTG 324351 AAGAAAGGA TTTTAGTATTGA TCTCTGTTTG AGGGGTCTAC CTGAGACAAA 324451 CCAGCAGAGA CTTTGCTCTT ATTCTGTGTT TAGGCTCTAGA GGTTCTCAGTAC 324451 CCAGCAGAGA TTTATTATTAA TTGCATTGAC AAAGGAAGT TCAAAAAGAA 324551 TTGATCAAGC ATTAGCACAGT TCAAAAGAGA AAAGGAAATT TGAAAGAAC 324551 CAAAATGTAT GTTCAAAGA AAAGGAAAAAAAA TGGAAAAGA 324551 TAGATCCACC ATCAAAGAA ATAAAAGAGA TAGAACAAAA TGGAAAAGA 324551 CAAAATGTAT GTTCAAAGA AAAGAAAAAA AACTACAAAAA TGGAAAAGAA 324551 CAAAAATGTAT GTTCAAAGA AAAAGAAAAAAAAAAAA		TGCAGAGGCA	ACGACCCACA .			
324011 AGTICAAATAA CCCTTTCACA GGGGTTACCT AAGACATTG GAAAATIGCAS 324101 CAATGAAAAT AATTTTATGT TTGGGGATCA CACACACAG AGGAACTGG 324101 TAAACAGTGA AAATTTATAGT TTGGGGATCA CCCAGAACAGG AGGAACTGG 324101 TAAACAGTGA ACGTCATTAG GCCCTTCGC TCTACAGTGA ACTGTTTGTG 324201 TAAACAGTGA CACTCCATAG GCCATCTAG TAGGAACAGG 324201 TAAACAGTGA CACTCCATAG GCCATCTAG TAGGAACAGG 324301 AAGAAAAATT TTAGATTATGT TCTCAACAGT GTCTTTTGG TATCTTGGTG 324301 AAGAAAAATT TTAGATTATTG TCCTAACAGTG GTTCTTTTGG TATCTTGGTG 324401 GGTAAAGAGA TTTATTATTAT TCCATTACACAGT GTTCTTTTGG TATCTTGGTG 324401 GGTAAAGAGA TTTATTATAA TTGCATTACA AAAGAAACC CCAGCAGACA TTTATTATAA TTGCATTACA AAAGAAACT CAAAAAAGAAA TAGAAAAAAA AACAACAAAA TAGAAAAAAA AACAACAAAA TGGAAAAGAA 324451 CAAAATGTAAAACA ATAAAGAAA AAAAGAACATAAAAAGAA AAAGAACATAA TGGAAAAGAA 324451 CAAAATGTAAAAA ATAAAGAAA AAAAGAACAAAAAAAAGAA AAAAGAACATAAAAAAAAAA	323951		ACTAGTGGTT			
244151 TARABAGTAGA ARATTACAG TATGAAGTAGA 244151 TARABAGTAGA GAAACTGTGA CAGRACAGA AGAACTGTGA 244151 TARABAGTAGA CAGTCCATAG GCCATGCTAGA TAGGAATAGA CAGTCCATAGA GCCATGCTAGA TAGGAATAGA GAAACATTGTA CACTCCATAG GCCATGCTAGA TAGGAATAGA GAAACATTGTGATTGC TAGAAGTAGA CATCCATAGA GCCATGCTAGA TAGGAATATG GAAACACTTGAACAGAGA GAAACACTTGACAGAGA GAAACACTTGACAGAGA TAGAACATTGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAGAACATTAGACAGAC		AGTCAAATAA	CCCTTTCACA	GGGGTTACCT	AAGACCATTG	
224101 TARAGAGAT ARTTTTATGT TTGGGATCA CCAGACAGA AGAGACTTGT 324201 TARACTGTGA CACTCCATAG GCACTCTGC TCTACAGGTGA ACTGTGTTGC 324201 TARACACTGTGA CACTCCATAG GCACTCTGC TCTACAGGTGA ACTGTGTTGCAG 324301 AAGAAGAGTT TTAGTATGTG TCCTAAGAGT GTTCTTGTGG TATCTTGAGG 324301 AAGAAGAGTT TTAGTATGTG TCCTAAGAGT GTTCTTGTGG TATCTTGGTG 324301 AAGAAGAGT TTTATTTAATATTGT TCCTATGAGT GTTCTTGTGG 324401 GGTAAAGAGA TTTTATTATAA TTGCATTGAC AAAGGAAGACT CTAAAGAGAG 324451 CCAGCAGAGA TTTTATTATAA TTGCATTGAC AAAGGAAGAT CAAAAGAAG 324451 CCAGCAGAGA CTTTGCTCTT ATTCTATGGT TTAGCCTCAT GAAAGAAGA 324451 CCAGCAGAGA CTTTGCTCTT ATTCTATGGT TTAGCCTCAT GAAAGAAGA 324501 TTGATCAGA CATCACAGCT TACAAAGGAA AAGAACAAAA TGGAAAAGAA 324501 CAAAATGTAT GGTTCAAAGAGA AAGAACAAAA TGGAAAAGAA 324651 GGCAAGGTT CCACACAGCTA AGCTTATTGT TTATGTGTTT GCAGTTGAA 324651 GACAACTCTC CACACAGCTA AGCTTATTGT TTATGTGTTT TCGAGATGAG 324701 AAGGGCACTG CCTCATTATG GTTTTATTT TTATGTGTTT TCGAGATGAG 324901 AATAGTCACC AGAAAGGAG TAGAGAGACG CTTTGGATCAC ACCTCTGAGG 324901 AATAGTCACA GAAATGGAG GACAGGCT TTTGATCTCC ACCTTGAGG 324901 AATAGACACA GATCTCTGAG TCAAGACACACACACACACACACACACACACACACACACA		ATATTTACGT	TAGAACTCCG	AACAGTAGCA	AAATTACAGG	
124201 TAAACTGTGA CACTCCATAG GCCATGCTAG GGATATGG AGAGACATTG 124251 GTGCTAAGGG TATTTTGANC TGTGCATACG GGTTTCAGTG 124301 AAGAAGAGATT TTAGTATGTG TCCTAAGAGT GTTCTTGTGG TATCTTGGTG 124301 AAGAAGAGTG CTTTGTTTTG CCTTTGTTTT AGGGGCTCTAC CTGAGAGAAT 124451 CGCAGAGAGA TTTATATTAA TTGCATTGAC AAAGGAGAGT CTCAAAGAGAG 124451 CCAGCAGAGA CTTTGCTCTT ATTCATTGGT TAGCCTCAT 124451 CCAGCAGAGA ATTCAAGGAG ATAAACAGAT TAAGGAAGAG AGAAAGAAG 124451 CCAGCAGAGA ATAAACAGAT TAAGGAAGAT ATGACAAGAG 124451 AAGGGCACTC CCTGATTATG GTTTTCATTT TATCTTTTT CCAGCCTCTT 124701 AAGGGCACTC CCTGATTATG GTTTCATTT GCACTTTTAT 124751 AACTACAATCC AGAAATGAGG GAGACAGGCT TTTGATCTC CACTTGAGC 124801 AATTAGCACA CTAGGAAGACT TAGGGTACAG GCCTTTGAATC 124801 AATTAGCACA CTAGGAGAG TTAAACAGAC TTTCAAGAGAA ACTACAACAGAC 124901 AATTAGCAGA CAACTGTAG TTCAAGAGAC GTCTCTGAGG 124901 AATTAGCAGA CAACTGTAG TTCAAGAGTCA GCCTTTGAAG 124901 AATTAGCAGA CAACTGTAG TTCAAGAGACA ACTACAGACACATC 125001 TTGGCAGCTT TGGCCATGTA TAGGGTACAGA ACTACAGAGA 125001 TTGGCAGCTT TGGCCATGTA TAGGGAGAAAAAAAAAA		CAATGAAAAT	AATTTTATGT	TTGGGGATCA		
324201TARACTGTGA CACTCCATAG GCCATGCTG TAGGATATG GAGACATTG324301AAGAAGAATT TTAGTATGTG TCCTAAGAGT GTTCTGGTG324301AAGAAGAGG TTTTGTTTG CCTTGTTTG AGGGTCTAC324401GGTAAAGAGG TTTTATATTA TTGCATTGAC AAAGGAAGT CTCAAAGAGA324451CCAGCAGAGA CTTTGCTCTT ATTCTATGGT TAGCCTCAT GAAAGAAAA324551TTGATCAAG CATAGCAACT TCAAAAGGAA AAGGACAAT TGAAAAGAA324501TTGATCAAG CATAGCAACT TCAAAAGGAA AAGTACAAAA TGGAAAAGAA324651CAAAATGTAT GGTTCAAAGA ATAAAAGGGC AGCAGAACT AGAAAGGAT324651CGCAAGGTTC CACACAGCTA AGCTTATTGT TTATGTGTTT GCACTCTTGAGG324751AAGGCATG CCTGATTATG GTTTTCATTT GACATTTAT TCGGACTGA324701AAGGCAACTG CCTGATTATG GTTTTCATTT GACACTTTATA TCTGGAATGAG324801AATAGTGACC AGAAAAGGAT TAAGGAGAGT TTGAATCC CCAGGAGAC324801AATAGTGACC AGAAAGGGG TTAGAATCA GACATTCCAAG CTTGAGGAACAGACT AAAAGAACAGA AATAGAACAGAA AACAGAACACAACAC	324151	TTAAGAGGTC	ACGTCATTAG	GCACCTCTGC	TCTACAGTGA	
AAGARGART TTAGTATGT TCCTAAGAGT GTTCTTTGTGG TATCTTGGTGG 324351 AAGAAGAGGA TTTAGTATTAA TTGCATTGAC AAAGGAGATC CTGAGACAAA 324451 CCAGCAGAGA CTTTGCTCTT ATTCTATGGT TTAGCCTCTA GAAAGAAGCA 324451 CCAGCAGAGA CTTTGCTCTT ATTCTATGGT TTAGCCTCTA GAAAGAAGCA 324451 CCAGCAGAGA CTTTGCTCTT ATTCTATGGT TTAGCCATTAA 324551 TTGAATCAAGC ATAGCAAGCT TCAAAAGAA AAGACAAAT 324551 CCAAAATGTAT GGTTCAAAGA ATAAACGAA AAGACAAAT 324551 CCAAAATGTAT GGTTCAAAGA ATAAACGAA TTAAGGAGAGT TGAAACGACA 324651 AAGGCACTC CCTGATTATG GTTTCATTTT TTATGTTTTT CACGTTGAA 324751 ACTACAAACC AGAAATGGAG GAGACAGCT TTTGATCTTT TTAGCTCTTT 324751 ACTACAAACC AGAAATGGAG GAGACAGCT TTTGATCTTCT CACGTTGAAG 324801 AATAGTGACC ATGGAAAGCT TAGGGTACTC CCAGGAAACA 324851 AATAGTAACA GAAATGGAG GAGCAGGCT TTTGAATCTGC AGGGAGACA 324951 AATAGCAGA GACCAAGGGG TCAGGTTCCA TCCCCAGCAA ACAACGAGC 324951 AATAGTAACA AACAAGGGG TCAGGTTCCA TCCCCAGCAA ACAACGAGC 325001 TTGGCAGCTT TGGCCATCTA GACCTAGAGTCA TCCCCAGCAA ACAACGAGC 325001 TTGGCAGCTT TGCCAGCTA TAGGATCAA TTAGAAACA ACAACGAGC 325001 TTGGCAGCTT TGCCAGCTA TAGGATCAA TTAGAAACA ACAACGAGC 325001 TTGGCAGCATT CATTGATGC TCCCCAGCAA ACAACGAGC 325001 TTGGCAGCTT TGCAG GTCCAGCAA ACAACGAGC 325001 TTGGCAGCTT TGCAGCTTTTGAAG TCCACAGCAA ACAACGAGC 325001 TTGGCAGCTT TGCAGGGGG TAGGATCAGA ATTAAGAAGA GACCAACATC ATTGGATCCA TCCCCAGCAA ACAACGAGC 325001 CTAGGGAGA CACAACATC ATTGGATCCA TCCCCAGCAA ACAACGAGC 325001 CTAGGGAGA GACCAACATC ATTGGATCCA TCCCCAGCAA ACAACGAGC 325001 CTAGGAGAC TGCCCAGCAA CACACACAC AGGTGCCAACAACA AGCTACACA AGCTACACAA AGCTACACA AGCTACACAACAA AGCTACACAC AGGTGAGCC ACTGAGACC AGGTGAGGC TCCCAGCAACACA AGCTACACAACAA AGCTACACACAC AGGTGAGCC ACTGCAGCAC AGGTGCACACACACACACACACACACACACACACACACAC		TAAACTGTGA	CACTCCATAG	GCCATGCTAG		
324301 AAGAAGAATT TTAGTATGTG TCCTAAGAGT GTTCTTGTGG TATCTTTGTGG TATCTTTGTGTTGTTG CCTTTGTTGTT AGGGGTAAC CTAGAGACAAA AAGAAGAGTC CTAAAGAAGA TTGATATATAA TTGCATTGAC AAAAGAAGTC TCAAAGAAGA TTGATATATAA TTGCATTGAC AAAAGAAGAGTC TCAAAGAAGA TTGATATATAA TTGCATTGAC AAAAGAAGATC TCAAAGAAGA TTGATATATAA TATCTATAGT TTAGCCTCAT GAAGAGCATT TTGATCAACAACAAAA TGAAAAGAAGAA ATAAAGGGCA AGCAGGAAGAT AGAATGAAGA ATAAACAGAT TAAGCAGAT TAGAGGAGATT GGAACAGACAAAAA TGAACACACACAAAAA TGAACACACACACAAAAAAAAAA	324251	GTGCTAAGGG				
324401 GGTAAAGAGA TITATATTAA TTGCATTGCC 324451 CCAGCAGAGA CTTTGCTCTT ATTCTATGCT TATTGCCTCAT GAAGAGACAT 324451 TTGATCAAGC ATTGCAAGCAT TACAAAGGGA 324451 CCAGCAGAGA CTTTGCTCTT ATTCTATGCT 324551 TTGATCAAGC ATTCAAGGAG TACAAGAGAT 324551 CCAAAATGTAT GGTTCAAAGA ATAAAGGGC AGCAGGAAGT TGAACAGAT 324551 CCAAAATGTAT GGTTCAAAGA ATAAACAGAT TAAGGGAGTG TCGACCTCT 324701 AGGGCACTC CCTGATTATG GTTTTCATTT GACTTTAT TCACATCAACAGAGACACACACACACACACACACACACAC		AAGAAGAATT				
224501 224501 224501 224501 224501 224501 224501 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 224601 22	324351	AAGAAAGTGG				
324501TTGATCAAGCATAGCAAGCTTCAAAAGGAAAAGTACAAAATGGAAAAGAA324551CAAAATCTATGGTTCAAAGAAATAAAGGGGCAGCAGGAAGTAGAAGGAATT324701AAGGGCACTGCACACAGCTAAGCATTATTGTTTATGTGTTTGACTTTTAA324701AATAAACCAAGAATCCAGAAATGGAGGAGACAGGCTTTTGATTTGGACTTTTAATCTGGAATGC324801AATAGCACCATGGAAAGCTTTGGGTACAGGCCTTGAATCCACGAGAGCACACACAGCGTTTTGAATCAGCACGTTGGAGTCAG324901AATAGCCAAGGATCTCTGAGTTCAAGAGCAGCCTTGAATCCCAGGAGCACAAGTCCAGA325001AATAGCCAAGCTTAGGTAGTAATAGCAGAAAACAAGGGGGTCAGGTTCAGTCCCCAGCAAAACAACAGCA325101ATTAAGAAGACAATTGATGCTTGTTCCAGGAAGAACAATCATTAGCAGAACTTGGGGGGAA325201GGAGTCGGTAAGAGTCAACCCAGGTGATACTGGTTTTGAAGACGCATTAAGAACTTGGGGGGAA325301CTAGGGAACGCACCATGAAGGTGATACTGGTTTTGAAGCGCATAAAAGCCAGTTGTCAGC325201GGAGTCGGTAAGGCCAAGCCAGGTGATACTGTTTTGAAGCGCATAAAAGCCAGTAGACCAAGGTGAGCTTTGGAGGCCT325301CTGGTGAAGAGCACCATGACAAGTCAACCAGGTGAAGCATGCAAAGACCAGGAGGCCAAGGTGAAGCCAGGAAGGCCATGCAAAGACAATGCAAAGACAAGCTAAAGACAAGCTAAAGACAAGCTACAAGACAAGCTACAAGCCAAGCACTAGAAAGCTACAGACAAGCACTAGAATTGGAGGCCCAGGACCACACAAGCCATAGAAAGCCACTAGAAAGCCACACACACACACACACACACACACACAC	324401	GGTAAAGAGA				
244511 CAAAATGTAT GGTTCAAAGA ATAAAGGGC AGCAGGAGT AGAATGGACG 244611 GGCAAGGTTC CACACAGCTA AGCTTATTGT TTATGTGTTT GCACTTGAG 244701 AAGGGCACTG CCTGATTATG GTTTTCATTT GCACTTGAGC 244751 ACTACAATCC AGAAATGGAG GAGCAGGCT TTTGATCTGC ACCTTGAGC 244851 GAGGCAAGCA GATCTCGAG 244851 GAGGCAAGCA GATCACAGCTA AAGAGCAGGCT TTTGATCTC CCAGGAGACA 244901 AATAGCCAAG GATCTCGAG TCCAAGACTA AAGAGCAGCA GATCACAGCTA AATAGCCAAG TTGGAAAGCT GAAAACAGAA ACACCAGCACA AACAACAGACAGCAGCA AATAGACAGA AATAGACAGA AATAGACAGA AATAGACAGA AATAGAAGAG TTGGAGATCA TTGGAGACACT TTGGAGACCA ACACCACACACACACACACACACACACACAC	324451	CCAGCAGAGA	CTTTGCTCTT			
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AATGCCAAG ACAAGAGGG TCAGGTTCCA TCCCCAGCAA ACAACAGAAGAGGGT TTGGCAGCTT TGGCCATGTA GCTCTGGCTT TAGGTACAAG AATTGAACAG AACAACAGACAGAAGGGG TCAGGTTCCA TCCCCAGCAA AATTGAACAG AACAACGAGAGGGT TTGGCGAGCTT TGGCCATGTA GCTCTGGCTT TAGAGTCAAGA AATTGAACAG AATTGAACAG AACAACGAGAGAG CAACAACAACACACACACA	324801	AATAGTGACC				
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25101 CTAAGGAAGC TGTGTTCCAG GGGATAGCCA AGGTGCCTTG GCATTAAGCG GGAGTCGGTA AGAGTCACCC AGGTGATACT GGTTTTGAAG GCATAAAGGCC AGGTGAGAGA GCAGCTGAGG CATGTCATTG TGAAAGACCA AGGAAGGCCA TGAAGGGATC ATGCAAAGAA GCTACACAAA AACACCACACACA CACACACACACACACA						
325201 GGAGTCGGTA AGAGTCACCC AGGTGATACT GGTTTTGAAG GCATAAAGGCA 325251 GTCGTGAAGA GCACGTGAGG CATGTCATTG TGAAAGGCCA 325301 CTGGTGAAGA GCACGTGAGG CTAAAGGCAA ATGCAAAAGAA 325351 GGCACCATGA AGGTAGTCTA TGAAGGCCA ATGCAAAAGAA 325301 TGAAAAACCC CATGTATTAG AGATGCCAAGAT 325401 TGAAAAACCC CATGTATTAG AGATGCCAAGA 325501 GGCACATGA AGGTAGTCTA TGAGAGGCT 325501 GGCACATGA AGGCAACAT GGAGCCACCA AGAGCCTAGA 325501 TTGGAGGCC CAAGGTGTTA GAGACGACCA AGAGCCTAGA 325501 GGAAAGCGG TAAGTGGAAG GCCAAGCATC TTGGAGGAC 325501 GGAAAGCGG TAAGTGGAAGA GCCAAGCATG 325501 GGAAAGCGG TAAGTGGAAG GCCAAGCATC 325701 GGAAAGCGG TAAGTGGAG GTGTACAAA 325701 GTAGTCAACA AAGATGAGAG GAGTTTGAACA 325701 GTAGTCAACA AAGATGAGAG GAGTTTAAACAAGAA GCCATGGA TTTCCTGTG 325801 TTCAATGAACA AAGATGAGAG GAGTTTAA CCCAGCATGT 325801 TTCAATGTG TTTTTTGATT TTGGAACTT TAGCACTTGT 325901 TTCAATGAAAAAAG ACTTTGAACT TTGGACTTTG 325901 TTCAATGAAAC AGACTAAGAG GACTTTTGAACT TTTGAGTTTTGAGG 32601 TGGAGGCCAG GGAGTGAAT GCCATGGTT TTGGACTTTGAACA AACATTGTT 326001 GCGTTATTTA TGTATTGCCC CTGATATTAT CATGTCTTTGACT 326001 TAGCACTATT AGTAGACTA GCCATTGTTA AACAACTAA GCCATAGTGT 326101 TAGCACTATT AGTGACTTG GCCTTTTTGAACT TTGAGCTTATGTT 326101 TAGCACTATT AGTGACTTG GCCTTTTTGAACT TGAGCCTCC CTCCCATTT 326201 CATGGGGCAT AGCATGCTG GCCTTGTTG GAACACCAC GCCACACACACACACACACACACACACA						
325251 GTCGTGGAGA GCACCTGAGG CATGTCATTG TGAAAGGCCA AGGAAGGCC. 325301 CTGGTGAAGA GGCCCAGGAC TGAAGGGATC ATGCAAAGAA 325351 GGCACCATGA AGGTAGTCTA TGAGAGGCAT GTGAGAGAGC TTAGATGCAA 325401 TGAAAAACCC CATGTATTAG AGATGCCAGT ACCATAGAAT GACTACAAA 325451 AACAGCAGCA GTAGCCACAT GGAGCCAACC AGAGCCTAGA GGCCAACAACA 325501 GGCAGAGCT AGGCAACAT GGAGCCAACC AGAGCCTAGA GTGCTACAA 325501 TTGGAGACCC CAAGGTGTTA GACACACACA GCACACACACACACACACACACACACA						
225301 CTGGTGAAGA GGCCCAGGAC TGAAGGGATC ATGCAAAGAA GTTAGATGCCAGGACT TGAAAAACCC CATGTATTAG AGATGCCAGT ACATAGAAT GACTACAAAACAC CAAGACATA GAGCCACACA GGAGCCAACA ACACACACACACACAC						
225351 GGCACCATGA AGGTAGTCTA TGAGAGGCGA TGGGTGAAGC TTAGATGCA GACTACAAAA ACAGCAGCA GTAGCGACAT GAGACCAGCA ACACACACACACACACACACACACACAC						
125451 17GAAAAACCC CATGTATTAG AGATGCAGT ACCATAGAAT GACTACAAA 125551 17GAGGCAGCA GTAGCGACAT GGAGCCAACC AGAGCCTAGA GTGCTACAG. 125551 17TGGAGACCC CAAGAGAG GCCAAGTCT TTGGAGGAGC CCAAAAGAT 125551 17TGGAGACCC CAAGGTGTTA GAGACAGT GCAGGAGGAA AGAGTTGCA 125651 17TGGAGACCC CAAGGTGTTA GAGACAGT GCAGGAGGAA AGAGTTGCA 125651 17TGGAGACCC CAAGGTGTTA GAGACCAGT GCAGGAGGAA AGAGTTTGCAGA 125701 17TGAATCACA AAGATGAGAG GAGTTGGAGA TTTCCAGAGAC 125651 17TGACTACTA AGATGAGAG GAGTTGGAGA TTTCCAGAGAC 125701 17TGATCACTAGA GAGTGAGAG GAGTTGAAACCAGT GCAGGAGAA 125701 17TGATCACTAGA GAGTGAGAG GAGTTGGAGA TTTCCAGAGAC 125801 17TGACTACTA TTTTTTTTTT 17TTTTTTTTTTTTTTTTTTTTTTTTTT						
ACAGCAGCA GTAGCACAT GGAGCCAACC AGAGCCTAGA GTGCTACAG. GGCAGAGCT AGGCAACAT GCAAGATC TTGGAGGAGC CCAAAGATTGCAACAGAACAT GTAACAAGAA GCCATGGGA TTTGTGTGTG GGAAACGCGC TAAGTGGGAG TGAAACAGAA GCCATGGGA TTTCTGCTG. GGAAACGCGC TAAGTGGGAG TGAAACAGAA GCCATGGGA TTTCTGCTG. CAGATGTACA AAGATGAGAG GAGTTGGAGA TTTCAAGAGA CACACACACACACACACACACACACACACACA						
225501 GGGCAGAGCT AGGCAAGAGA GCCAAGTCCT TTGGAGGAGC CAAAAGAT 325551 ATGTGTGGAT CCCAGACATT GTAACAAGAA GCCATGGGA 325601 TTGGAGACCC CAAGGTGTTA GAAACACACACACACACACACACACACACACACACACA						
ATGTGTGGAT CCCAGACATT GAGACAGAA GCTGTGAAGT CAAAGTTGC  325651 TTGGAGACCC CAAGGTGTTA GAGACGTCAA AGCCATGGGA  325651 GGAAAGCGGC TAACTGGGAG TGAAACCAGT GCAGAGGGAA GAAGTTGTG  325701 GTAGTCAACA AAGATGAGAG GAGTTGAACA AGCTAGGAG GAAGTTTGT  325701 CAGATGTGGA GATGAAGAAG TTGGAGTTTA CCCAGCTGTT  TTCACTGTGA TGTTTTTGATT TTGATT TTGACTTTAT AGCAGTTTC AACATGAGT  325851 TTGCATCTG TTTTTTGATT TTGACTTTAT AGGAGTTTA AGCACAGAGAG  325901 TTGAATAAAT CTCAAAAAAA ACTTTGAACT TTGGACTTTC AACATTGTT  325951 AGACTGCTAT AGACTAAGGG GACTTTTGAA ATTAGACTAT AGACTAGTGA  32601 TGGAGGCAG GGAGTGAAT GGCCTTGTTGAAAAAGAACCTTGACAACACACACACACAC						
TTGGAGACCC CAAGGTGTTA GAGACGTCAA AGCCATGGGA GAGATTGGAG GAAAGCGGC TAAGTGGGAG TGAAAACAGT GCAGGAGAGAA AGAGTTGTAA AGATTGACA CAGAGTGGAA GAGTTTGACA CAGAGTGGAA GAGTTTGACA CAGAGTGGAA GAGTTTGACA CAGATGTGAA GAGTTTGACA CAGAGTGGAA TTGGAGTTTA CCCAGCTGGT CAGGATTT TCCACAGTGGA TTGTCACAGAGAGAGAA TTGGAGTTTA CCCAGCTGGT CCAGGATTT TTGTCATCTG TTTTTTGATT TTGACTTATA TTGCACTTTAT AGCAAAAAAA ACTTTGAACTTAT TTGACTTTAT AGCACAACACACACACACACACACACACACACACACACA						
325651 GGAAAGCGC TAAGTGGGAG TGAAACCAGT GCAGGAGGAA ACTTTGACAGAC ACACACACACACACACACACACACACACACAC						
325701 GTAGTCAACA AAGATGAGAG GAGTTGGAGA TTTCAAGAGC ACTTTGACA 325751 CAGATGTGGA GATGAAGAAG TTGGAGTTTA CCCAGCTGGT CCAGGATTT TTCACTGCA TGTTTTGATGAGT TTTCACTGTA TGTTTTGATT TTGACTTTAT AGGAGTTTA AGCAGATTA AGCTAAGAG ACTTTGAACA ACATGGTA AGCTAAGAG ACTTTGAACA TTGAATAAAT CTCAAAAAAAA ACTTTGAACT TTGGACTTTA AACATGGTA AGCTAAGAGG GACTTTTGAA ATTAGACTAA ATATATTTT AGGAGTATT AGGAGTATT AGGACTAAGAGG GACTTTTGAAA ATATATTTT AGCACTATT AGGAGTGAAT GGCCTTGGTT GAATACACTA GGCTCACGGAAT AGCACAGCAGA AGGAGAGTGT TTGACACTATT AGTGAAGTGT GGCCTTGTTG AACAGGGTGT TTAGCACTATT AGTGAAGTGT GGCCTTGTTG AACAGGGTGT AGGAGAGTGT TGACACTATT AGCACTATT AGTGAAGTGT TTGCCTTTTGGAATACCTA GGCCTTGTT AACAGAGGTGT AGACCTTGTT AACAGAGGTGT AGACCTTGTT TTGCCTTTTGGACTTTTG AACAGAGGTGT AACAAGAGTGT AGCTCACCAG TCCACATGCT GACCTTGTT AACAGAGGTGT AGACCTTGTT AACAGAGGTGT AGACCTTGTT TTGCCTTTTGGAATACACACACACACACACACACACACAC						
25751 CAGATGTGGA GATGAAGAAG TIGGAGTTTA CCCAGCTGGT CTGTTGAGGA TTCACTGTGA TGTTTTGATA TGGAGTTTA TATCCCGTCA TGTTTGAGAGAGAG TTGTCACTGTG TTTTTTTTATT TTGACTTATA AGGAGATTA AGCATAAGTG AGCTAAAAAAA AGACTTGAATAAAT CACAAGACA ATAAAATATTATT TGAGTATTAT TGAGTATATA CATGACTAAAAAAAAAA						
325801 TTCACTGTGA TGTTTTGGTA TGGTAATGTA TATCCCGTGA TGTTTGAGGG TTGTTTGATT TTGATTATT AGGAGATTAC AGCTAAGTG TTGACTGTAT AGCTAAGAGAG ACTTTGAACTTTAT AGGAGATTAC AGCTAAGTGT AGACTGCTAT AGACTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG						
325851 TTGTCATCTG TTTTTTGATT TTGACTTAT AGGAGATTAC AGCTAAGTG 325901 TTGAATAAAA CTCAAAAAAA ACTTTGAACT TTGGACTTTG AACATTGTT 325951 AGACTGCTAT AGACTAAGGG GACTTTTGAA ATTAGACTAA ATATATTTT 326001 GCTGTATTTA TGTATTGCCC CTGATATTAT CATGTCTTTG AACTAAGCCT 326051 TGGAGGCCAG GGAGTGGAAT GTGGTCGTTT GAATAACACTA GGCTCAGGG 326101 TAGCACTATT AGTGACTGTG AGGTGGGTTT GAATAACACTA GGCTCAGTGT 326201 CATGGGGCAT AGTCTTCTGT TTGCCTTTTGG AACAAGGTGT AGAACTCTC 326251 GCTCCCCAG TACCATGCCT GCCTGGACGC TGCCATGCTT CCAGCCATG 326351 TGATAATTGA CTGAACCTCT GAACCTGTAA GCCAGCCACA ATTAAATGT 326401 CTAAAACACC TCAAAATAAA CACACACAC CACACACA		-				TGTTTGAGGT
325901 TIGAATAAAT CTCAAAAAAG ACTTTGAACT TTGGACTTTG AACATTCTT 325951 AGACTGCTAT AGACTAAGGG GACTTTTGAA ATTAGACTA 326001 GCTGTATTTA TGTATTGCCC CTGATATATA CATGCTTTG AATAAGCCT 326051 TGGAGGCCAG GGAGTGGAAT GTGGTCGTTT GAATACACTA GGCTCAGGG 326101 TAGCACTATT AGTGAAGTGT GGCCTTGTTG AAGTACACTA GGCTCAGGG 326101 TAGCACTATT AGTGAAGTGT GGCCTTGTTG AAGTACCTC CTCCCATTT 326201 CATGGGGCAT AGTCTTCTGT TTGCCTTTTGG AACAAGTGT AGAACCTCT 326201 CATGGGGCAT AGTCTTCTGT TTGCCTTTTGG AACAAGTGT CCCACCATT 326301 TGATAATTGA CTGAACCTCT GAACCTGTAA GCCAGCCACA ATTAAATTG1 326351 TTTCATAAGA GGTACCTTGG TCATGGTGTT TCTCACAGC AATGAGAGAC 326451 CACACACAC CCAAAACAAA GCATAGAAAA CACCCACACA CACACACACA 326551 CTGCAAAAT ATCACTGCAA GGAGTCATTG 326551 CTGCAAAAT ATCACTGCAA GGAGTCATTG 326651 ACACCATCAA TATTGGATTC TCACCAGGAC TCCCATTTT AGCTCCTCTGTAG 326651 ATGAAGATC TGCAGCTTTG GAACAGTAG TCCCATTGTT AGCTTCTCGTAGCTT TCTCGTTCACAGC ACACACACACACACACACACACACACACACACA						AGCTAAGTGA
325951 AGACTGCTAT AGACTAAGGG GACTTTTGAA ATTAGACTAA ATATATTTT 326001 GCTGTATTTA TGTATTGCCC CTGATATTAT CATGTCTTTG AATAAGCT 326051 TGGAGGCCAG GGAGTGGAAT GTGGTCGTTT GAATAACACTA GGCTCAGGG 326101 TAGCACTATT AGTGAAGTGT GGCCTTGTTG AAGTAGGTGT GGCCTGTTT 326201 CATGGGGCAT AGTCATCTGT TGCCTTTTGG AACAAGGTGT AGACCCTC 326301 TGATAATTGA CTGAACCTCT GAACCTGTAA GCCAGCCACA 326351 TTCATAAGA GGTACCTTG TCATGGTGTT TCTTCACAGC AATGAACACA 326401 CTAAAACACC TCAAAATAAA CACACACA CACACACA						
326001 GCTGTATTTA TGTATTGCCC CTGATATTAT CATGTCTTTG AATAAGCCTT 326051 TGGAGGCCAG GGAGTGGAAT 326101 TAGCACTATT AGTGAGGTG GCCTTGTTG AAGTAGGTGT GGCCTGTTG 326101 CATGGGGCAT AGTGAGTGTG AGGTGGGGTTC TGAGCACCTGTG 326201 CATGGGGCAT AGTCTTCTGT TTGCCTTTGG AACAAGGTGT AGAACTCTC 326251 GCTCCCCCAG TACCATGCCT GCCTGGACGC TGCCATGCTT CCAGCCATG 326351 TGATAATTGA CTGAACCTCT GAACCTGTAA GCCAGCCACA ATTAAATGT 326351 TTTCATAAGA GGTACCTTTG TCATGGTGTT TCTTCACAGC AATGGAGAC CTAAAACACC TCAAAATAAA CACACACAC ACACACAC						
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320031 AIGHAGAICE IGCAGCIIIC CHARLEST CONCOCCO TO THE CACCOCC		ACACCATCA	A TATTGGATTC			
326701 CAACCATTTG CAGACGATAT TGATTTTGGG GTGGGCCAAC TTAGAGCCC	326651	ATGAAGATCO				
	326701	CAACCATTT	G CAGACGATAT	TGATTTTGG	GTGGGCCAA	J TTAGAGCCCT

				maa.aaaa.aaam	aaammmaaam
326751		CTGGGTGGCA			GGCTTTCCCT
326801	TATCTGCACC				CTAGGCTAAC
326851	CATCAGTAGG				TTCAGGCAGC
326901	TCACCGTAGC				GCCCAGGTGA
326951	GGTGCAGGGC	CCACTCTCCT	GAATGCTATA		GGTCAGGGCT
327001	AGCTCTCTCA	CTCTTATGCC	CTTGGAGCCC	GCTCTCCTGG	CTACTGCAAA
327051	GGTTCAGGGT	CAGGGTCAGA	GAGGGCATCA	CCCCTGCACC	TAAGTCACGC
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327151	CTGGCTTACC	TGTCCTCCCC	CTGACCCCCA	CCAGAGGCAG	CTCTACTGTG
327201	CTGTCCAGAT	GAGGTGCCCC	ACCTGCTGTC	CAGAGTGCTG	CAGCTGGCAC
327251	CCACACCACC	AGGCAAGGGA	GGGCCAGCTC	TCCCTTGATC	TTGCCCTCAG
327301	GGCTGGCTCA	CCTGAGGCCC	CTCTGATCGT	CAACTTGATG	GGATTTAGAA
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327451	GTTCCCAGTC		GCTACTGTCA	CCATCTGCCC	TGTACTTTGG
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327551	CTGCCATGTC	TTCCCCACCA	TGGTGGACTG	CAAAACAAGC	AAAACAGAAG
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327651	CAAGCCGAAG	ACAGGAAAGA	GAAATCAGAA	AGAGAAATGA	AGAAACATTG
327701	ACAACAACAG	AGCGGGCGGG	GTGGGGGGAG	GAACAGAAAC	
327751	ACAGAAACAG	GAGCCTGGGA	GCTGAGCCAG	CCTCTCTGGG	TGGTGGGGCC
327801	CTCCCTCACC	CCTGTGGGCA	CACCCAGGGC	CATTGAAACT	TCCTGGAACT
327851	CTTTGATAGT	CAGTAATTTA	GTCCACACCT	CCCAGGATGG	AAGTTAGCCA
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327951	TTCGGATTTT	CCCCTCTGAA	GATGGGAGTA	ATAGGCACAG	AATTGTGAGG
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328051	GTTATCAGCA	AGTGGGAATG	ATTATTACTG	CTGGGTTTAG	TTGCCAGATA
328101	CAACAAATAG	AGAGAGAAAA	TAGATAATCC	CTCTAATCAA	TTACTAAACA
328151	CATTTCTCAC	GGTGAGACTC	ATATTCGAGT	TTTTAAAGAT	TAGTTTAAAT
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328251	TACTTAAAAT	CTCTCTGTCT	CTGTCTCTGT	CTCTCTGTCT	CTCTGTCTCT
328301	CTGTCTCTCT		CTCACACACA	CACACACACA	CAGAGTAAAT
328351	AAATGTTAAA		AAACAGAACA	ACACAAAGGC	CTCTGATTGT
328401	ATCACTTCCC	AGCTGTTCTA	GAAGAATCTC	TGGCACAGAT	ATTGTCTTTA
	TTTTAAAACC	CGTATTCTGT	TCATCTCCGG	TCTCTCTGGT	ACTTCTCTTT
328451	TTTAAAGCTC	TGGATTATAA	TAACATCAGT	TATCCTGATT	CCTGAGGTTT
328501	GGTATCCTGT		CCCTCGATCC	CAGTTCTCGA	GTTCTGGCCT
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328601	AAGGGGTTAA		CAGTCACTCC	CCCTAGAGCA	
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328701	TGCGGAACGC		TCTACCAAGG		ACATTCCAAA
328751	GGATACTGTT				
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328851	TTCCGCCTCC		TAAGGAAATG		
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329101	GGCAGTCTAC				
329151	TTCACTGACC	TGCCTTGTGG			
329201	TGAATGTACC	C CATGCTGATA			
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329651	GGGACTCTT				
329031	GGAAACAGA				
329751	TGGACCTGT				
329801	AGTGCCCTG'		C AAATGTGGC		CTAGGCACAG
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330001	CAGTTCCTTG	AAAGCTGGAG	TGGAGAAGCC	AGCTGTGAAT	TATATAACAG
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330151	AAAATCAAGG	AGATTCTATC		ATGATGGTGG	GGGGGGGTGG
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331051	ATTGTTGAAA	ATGCATGTAG	TGCTGACCCT	GAGAAACCTC	GGTCCACACC
331101	ATGCCAGGAA	ATCGAGTGGA	AACTCTCAGC	TTTGAGGATT	GCTAAGAATC
331151	AGGCTGCCTT	GCAGCAGGCT	TGGCCTCTCT	CCAACGGCTG	CTGTGAGAGA
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331551	CAGGAATAGC	ACCAGGAGCC	TGTCAACTGC	TTTCTTGGAA	GCCTGGACCA
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331901	ATCGCCTGGC	AGTGAACACC	TACACACCTT	CTCTTATAAA	
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332001	ATCTTCCAGT	CATTCTGAGA	ATATATCAAA	TATATAGCAA	
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332201	AAGAGCTCCT				CAAGAGACCC
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	AATCCTATCT				
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332651	GGGTATTGAG				
332701	CAGGCAGAGT	GAGAGAAATA	GAGCACTGAG		
332751	AGTCTCTGTC	GAGGATATGA	AGGATCTGGG	AAATGATGTC	
332801	GCCATCTCC			GCTAGCCCCT	GCTCCTGCAT
332851	CTTCTGATG				C AGAGAGACAT
332901	GAGTCTCCA	GCTGCAACTC			A CCACAGATTG
332331					

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333251	GGTGGAGCTT	CTCAAAGGAC	ATCTTGCTCC	TGTCTGCAAG	CATAACAGAG
333301	TATCCTTAAT	AGGCTTAGGA	GTTAGTGCTT	GCCCCTGGGA	CAGGTCTCAA
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333651	ATTCATTTTC	ATGGCCATCT	CTCCTGTCTT	TCCCCACACC	TGATCCTGAA
333701	TCCCCCATTC	CCCTCCCTAT	ATCCCTCCCT	CCTAGTTCAC	TCCCTCCATC
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334051	CTATTAGCTG	GGCTGCCTTT	TCTGGCTTCA	GTGAGAGAGG	AAGTGCCTAG
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334151	CATCTGCTCA	GAGAAGAAGG	GGAGGAGGGA	GGAGGGAGGA	GGGAAGGATT
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334251	AAAAAAAAA	AATTAAATAA	AAAAAATCCA	GATAAAAGCC	AGTGTGATCT
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337701	GCAAAGTGGA	GAGGATGCTC	CTACTAACTT	CCCTGGCCTA	CGTTATATAC
337751	ACCTTCAATT		ACTGACCAGC	AGAGTGGTGA	GACCCCAACC
337801	AAAGCAGGTA		GGAACAAATC	ATAGCCCCAG	GTTAAAAAGC
337851	AAATGTTAGA		ACCCAGTGAA	AGACCCCCTT	TCTGGTTAAT
337901	TATGGCTATT	TATCTATTTG	ATCAAGGCAT	GGTTAATCTA	TCTTCATTCA
337951	GGAAATATTT		TCTGCTCCCA		CCTCCCCGCC
338001	CCGCCCCCC				GGAAAACACC
338051	ACCACTTCAT		TCTGTTAACA		AAGTATAATT
338101	ACCATAGAAA				
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338851	TGTGTGTGTG				
338901	GCTAGAGCAG				
338951	TACAAGAACA				
339001	GGTCCTGGG				
339051	CAGAGCAAG				
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339251	GTCCTCATCA	ACTTGTCTTC .	ACTAAATATT	CATTGAATGT	GGTAAGTCCT
339301	TTGGGACATG	ATAGCTCAAA	GAGTAGAGCC	ATTCTGAGCA	GAAGCAGTGC
339351	CATAGAAGAA		GGTTGGTGAG	ACGGTTCAGT	GGCTGAGAGT
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339451			CCTCCTGGGG		ACTCAAAATA
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339601	AGGGAGGGAG		AGGGAGGGAG	GGAGGGAGGG	TGGGTTCCAG
	AGAGCACATT		CCAGGTGAGG	ATGAAGAGGG	AACAACCATC
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339751	GCCTTTCCAG		GGAGAGAGAC	ATCAGGTGAC	ACTGACTCGG
339801	GAGGGAGTTC		ACAAGCTCCA	TCTTTTCAAT	GAGATTCTCT
339851	GGACCCCATT	ACTCTGGGAT		CCTTGCACGT	GCTAAGCAAG
339901	TGTCTTAGAT		AACCCCAGGG	CTGCTTCATC	TTAGGCCTTC
339951	TGCCATGCCT		CCTCCAGTTC		TAGCTACATA
340001	CGCCTTCCCT	AGAAGAACCT	GCTCTAATTC	CTGTGCATCC	
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340101	GCTCAAAACT	CAGAGCAGAA	ATGAGCATTT	ACTAAACTGT	AAAGACTGTC
340151	GTTGCAAAAT	ATTTTACTAT	TAAAAGTTAA	TAAGAATAAA	ATATTAGATC
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340701	TCATACAACT	TCGGGTGTCT	TTTTATATAC	TCAGTGGCCA	TATCTTCAGG
340751	CATAAGGAAA	ATCAACTTGT	AGGTGATTTT	AGTTGATAAC	TTCAAGTTCC
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340851	CACATTTGAA	TTCTATTTCT	AAGCCGGTAG	AAATATGGTT	TGTATTGTGC
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342351	CTCTGGCACA	TTGCCCCTGC	ACCAGTCTGA		TTGAACACAT
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342551	GATCCAGAAC	TATCTGAGAA	AAGGTATCAA		ATGGTCCTGG
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342851	AGGCACAAAT	ACTTAACACT	TGGGAAAGAA	CGGATTTGGG	AGAGATTACG
342901	AATCATCTGT	AGACCATGGT	GTTAGGAACT	CTCCAATTTG	GAAAAGTGTG
342951	ATAGCGGGAC	ACTTGAACAG	GCTGGGTGGG	GCTGGGCCTG	GTTTTCAGCA
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343301	ATGAAGACTT	CAGGCTGAGG	AAGCCTTGGG	AAGATCTTAT	ACATTCCATG
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343551	AAGAGGGTTG	CTTGTGGTGA	GGTTGGTGTT	TCTTGCCTGC	CTTGAGAGTT
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343701	AGCTTGCAAC	ACATATTCCA	GGGATGAGTT	GATACAGCTC	AGTTGTGGAA
343751	TCCTCTTTGT	GTAAGAGAGA	GAGAGGGAGA		GGGAGAGAGA
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368301	TCTCCACTGG	CAGCTGGGCA	GCATGTGGGT	GTGTGCGGTG	TGTGTATGGG
368351	GGGGTATTGT	CCCTCCCTGC	CTGCCTCCGG	CCTTCATCTC	TTCCTGCCTC
368401	AGAGCCCTTT	CATGGTTCGT	TCTTCTTTAA	ATATGGCCCT	TTCATTGCAG
368451	AATGAGCCAG	AGTGGATTTC	TTTGTCTTCA	AAGACTCAGC	ATTAGGACTG
368501	TGAGGGGCTT	CAAACAGGAT	TCTGTTCTTT	TTTTTAAAGA	TGGGGGAAAA
368551	ACCATCCATT	CCCTTTTTAT	AAATTATGAA	GATAGTTGGC	TAATCATGTT
368601	TGAAATGTAT	CTTGTTGAGA	TCATCAGCTG	GATGGCCGTG	ATGATGGGTG
368651	ACTATGGAGT	AAAGGGCGGT	TACTCTCAGG	GTTCGCCTCT	TTATTGCTCT
368701	AAGTGCTAGG	CATAGCAGGA	TTCCTTTAGA	GCTTATCATG	TTTCAGGACT
368751	GTACATGGGG	AAAAGGACCT	CTCCTCTTAA	TCATCACCAA	TGTCATTTTC
368801	TTTCTCTCTC	TCTCTCTCTC	TCTTTCTTTC	TTTCTTTCTT	TCTTTCTTTC
368851	AAAATGTATT	TATTTCATTT	CTATGAGTAC	ACTGTATCTG	TCTTTCAACA
368901	CACCAGAAGA	GGGCATCAGA	TCCCATTACA	GATGGTTGTG	AGCCACCATG
368951	TGGTTGCTGG	GAATTGAACT	CAGGACCTCT	GGAAGAGCAT	TCAGCCCATT
369001	CTCCTAACTG	CCAAGCCATC	TCTCCAGCCC	ACCAATGTCG	TTTTCAAGCG
369051	CTACCAAGGG		AGGCAAATGT	AGTTAAAGTG	ATTCCTTTAC
369101	CTGTCTAAAG	GTGATCAGAG	CTATGTAGGT	AAATGGCCGG	
369151	GTAAATGGCC	ACAGCAGAAG	ACAAAACAAG	CCTCACTTGA	
369201	GGAGGAGAGC	ATCCAAAGAG	GATTGGAAAT		
369251	AAGAAAGTCT	CACAGACATT	CATCAATAGG		
369301	ATACACGAGT		GCCCCATGGA		
369351	ATTTGCATTG		AAATAGAGGC	ACAAAGACAC	
369401	GAGAATGCAG		GGCAGGGAAA		
369451	ATGCTGAGGT		CTTCAGGATT		
369501	ACGCCAAATT		GTCTCCTTGA		
369551	ATACATATGT		TGCCCAGAGA		
369601	AGTGAGATGA		TAGAAACATT		
369651	AGATCTTACC		AAATAAAACC		
369701	GAGATTCTAT		GTGAGGAGTT		
369751	ACAAACGTTT		CTGTCATAAC		
369801	GTTACATTAT				
369851	ATATACTACT				
369901	ATATATAGTA				
369951	ATATCTCTTA				
370001	TTTTGTACAT				
370051	AGAATGGATA				
370101	GTAAACATGG	AATCTCCTAG	AGATTGAAAA	CIAITATTCI	ACAIGIAAII

370151	ATAAACCAAA	TGGCATTTAA	TTTATCTTTC	TTCCTGGCTG	GGGTGCTACA
370201	CATTATAAAA	ATTTCCAGAA	AAGGAATGGC	GGGCAGGAGC	AAAGTTTCCT
370251	TTGATGTCGT		GTTGACTGTC	AACTTGAGGG	GATGCGGAGT
370301	AACCACAGGA		CATCTGTGTA	CATTCCTGTG	TGCAACAACC
370351	GCAGGAATAG	CTGCTAGGTC	TGTCTGTGTG	GAAGCATCTA	GATGGAGTTA
370401	ATTGGAGTAA	GAAGAACCAC	CCTAAACTTG	GATGGCACCA	CTCCAGAGCT
370451	AAGGGTCCTG	AATTGAGTAA	GAAAGGGAGA	GTGTCTCCAC	TGGGCTGTGG
	ACCTGGCTTG	GTGGCTAAGA	AGACATACTG	CTCTTGTAGG	TCCTAAAATT
370501			CACCTGTGAG	TCCAGCTGCA	AGGAATCCAA
370551	AGAATTGGGC	TGCTCACAAC		CTCTCCCTCC	TTCTTCCCCC
370601	ATCCTCTGAT	CCCTCTCCCC	CTCCCCCTCC		
370651	TCCCCTCTCT	CTCTCATACA	CACACATAAA	CACGGTGGGG	GGGGGGTTCT
370701	CAATTAAAAG	TAAAATCCTT	TTTAAAAAGA	GGAGAGACTA	AAGTTTCTAC
370751	TCTCTGATTT	TAGATGCAGT	GTGACCAGCT	GACACAAAGC	TCCTACTTAA
370801	ACAGTGAGCC	AGAATCAACT	TTTTCTTCCT	TTGGTCGTTG	GCTTTCATCT
370851	GGCATTCTAG	CCCAGCAACA	ATCAAAGGAA	TTAATGCAAA	TATTACCTTT
370901	CAAATGTTTG	AGATCTACTT	CTCAACCCTG	CCTTCCCAGA	AGTCAATGGC
370951	CCACAGGAGT	GAGTCTGTCT	TCTTGTGGGG	AATAAGAAAG	GGAAGCTGGC
371001	CCTTCAGAGT	TTGTGCCTTT	GTATGCACCT	GTAATGTTGC	AAAAGTAATC
371051	ACCGTTGCTT	AAAAGACCTC	CACTGTTTGC	TAAGTACTAT	GGTAAGTTCT
371101	TGGCTTTCAA	TTCATTTACT	CCTCACTGCA	GCCTTTAAAG	TACCCTGATA
371151	TTCCTCTCTC	TCATGGGATG	GAAAACCTGG	GATCAGGGTT	AAGTTACTTG
371201	CTTATGAGTC	ACATACTGAA	CATGATTCAA	GCAGGACTCT	ACCCTAAACC
371251	TCTCCTCTGG	GACTCTTCAA	CCCATGGGCC	TCATGAGAGC	ATTTCTTTTC
371301	TGACATATAA	GGCAATTGCT	TCTCATTTTA	AATTTCTTGA	AAGTACTCTA
	TGTCTTGGAT	AACTTTAGTT	TTTTGCTTTC	TTTTAAATTT	TATTTAATTT
371351		CAAAATGAAA	AAAAATAGGG	GGTTGGAGAG	ATGGCTCATG
371401	TTATGTTATA	ACTTATTACT	TTTCTAGAAG	ATCTGAGTCT	GGTTCCCAGC
371451	AATTGAGACC		CAACTGCTTA	TGACTCCAGC	TCCAAAGGAT
371501	ACCCAAGTCA	GGGCAGCTCA			ATATGCCTAC
371551	CTGACATCTC	TGTCCTCCTC	AGGCATCCAA	ATTCATGTCC	
371601	ATGTACATAC	ATCACACAAT	CTAAAATAAT	AAAAACATAT	TCTTAAGAGT
371651	AAATGATTAA	ATCCACCCCA	TCCCCCCAAT	ATTTCCTCTC	AATTTGCTTT
371701	TTTTTTTTCA	ACCACCAAAT	CTACTGTGTT	TTATGTCTTC	TGTGTTTTAT
371751	GAGCATGAGT	GTGGGGCCAT	CTACTGGAGC	ATGGATAGTT	GCTCAGAGGC
371801	CACATCTCTG	AAGCAAACTG	ACTCTCCTGC	CTCCAGCAGT	CATGGATTCC
371851	CATAGCTCCT	CACCTAAGGG	TGGAATTTGG	TGACTTTCTC	CACCATTTGT
371901	ACTGTGATCT	TGTCTGGCTT	GATTTGAATG	GGTCTCATGC	ATGCATGCTG
371951	TCATAGCTGC	TGGGAGCCCA	TGTGCATAAC	TGACCTCTCC	TGTTTCCCAA
372001	ATTCTGTTTC	ACTGCAGTCA	CCAACTGTCT	CTGGCTCTTA	CAGTCTCTCC
372051	ACCCAACCCT	TCCTCAATGA	TCCCTGAGCC	TCATGGAGAG	GGGAGCAGTA
372101	TTAATATCTT	GTTTAGGCTT	GATGACTTTA	ATCATGCATA	TTTTTTATTAA
372151	TACCACTAAG	GGCTTTCTCC	CTTTTGAAAC	ACGGTCCTTC	TGCCATGAAA
372201	TTGAGAAGAG	TGAGTCTGCA	TAATAGTTTT	ACTGGAGGCC	TTGCAAATTG
372251	TGGGATTTGG		GAACTTAAGA	CCCACATTAC	TGTAGACTAC
372301	ATGATGTCAT	AAACTGGAAG	ACATAAACTC	ATACATTTAT	AGATTAAGCC
372351	TGCTGTCTAC	ACTTACATAC	CTTCTCATGG	TTTTCTCCCT	
372401	CCTTAAAAAT		TAGTGAGCAT	CCATCATCAG	TAGATGACCT
372451	AAAGAATGCT		CTTCTGCCTC	CGTTTCCGGG	
372501	GGTAATTTTA		TTTCCCCAGC	CTCTTGGGTG	
			GGCTTCAAGG		
372551	AGGCTCCAGA		AAACCTGAAC		
372601	ACCCATCCCC				
372651	TATCACAGCT		TGGAGACTAC		
372701	TTACTAGTGG		AGACACATCC		
372751	GGAATAGAGI				
372801	ATCTTTTGAT		AGATATGCTG		
372851	TTTCCAATGG				
372901	GTTCTGTACT				
372951	ATTCAGATAT				
373001	TAGTTACTCT	CTGACTGTCC			
373051	TCATCTATAA	AGATTGACTG	CCAAAACTCT	GTGGCATTT	
373101	TTTTCAATTT	CTCTAAGCTT	' ATTGTTAATC	TATTATGTGG	
373151	TGACCCTCTT	TAACCCGATG	ATGGTCGTTT	CTAAAGCTGT	
373201	AAGCTTTTAG	GGCTTCTCAT	TTGATAGAGA	AGTTTCAGGC	TTGGTACTGT

373251	AGTCTTTCCC	TCATAAATCC	CCCTGATCTA	TTTCCCTTTG	TCTCAATGAC
373301	CTTCTCAGCT	GACATCACCT	TTGGGCTGGT	TGCCTTGAGA	AACGGGAGAG
373351	ATTGGGTATG	ACAGCACTAA	GCAAGCATCC	TTAAGGCATG	GCGAGTTCTA
373401	AAGTAACCGA	ATCTCAAGGC	TGGGTGGGTA	CCTGGATATT	GGTTAGTCCT
373451	AGATCCCTCC	CCACACAAGA	ATTTGTTCTT	GAATATTCAC	
373501	CTCTGCTAGA	ATCCTTCCAA	GCAGAGATCA	TTAGTTGGCT	AGTCCCTCTC
373551	TTCTCTTGTT	TCAAGTTCTA	ATTGCTAGAG		GAGCCAACTG
373601	TTCTTCCCAT	TAGTTCTAGG		TTATTCAATT	GAACTCTGCT
373651	TTGATTTCTT	AGAAGACCAT	TGTGCTGTTG	GGAGCAATAC	AAGTTAAGGG
373701	CTGACTGACT	TATACTTAGT	ACTAACTGCT	CTTGTATGTT	GGGGTCTCTA
373751	GCAACTCTGG		CGGGGTTCTT	GTAGTTGTAA	GTAATAGGAA
373801	CAAAACTTGG	CTAACTATCT	CAGCTTTCTT	TGTCCAAATA	AGAACTACTC
		TGCCTCAAAG	AAATGCTCAT	TGCCTCACAG	ATGGTCTGGG
373851	CCAGAAATCC	AGAAGCAACT	TACTAGGTGA	TTCTGGGCCA	GGGNTGTCTC
373901	ATAAGGTTTC	AGCCAAAAAT	GTCCTGCTAC	AGTCATCTGA	AGCATTGACT
373951	GAGAGTGTGG	CTCCCCTTCT	GAGCTCTCTA	CCATCACTAA	TGGCAGTAGG
374001	TCTCATTGTC	TTTTCAGCCA	TTGGCCAGAG	CCATCCTTCT	TTTTCACTTT
374051	GGTATATCTC	CAACACAGCA	ACTGGCCTGG	TACAGGCTAT	AAGAAGGACA
374101	GGCAAGGCAG	TCCTTGTATG	ACTTAATCTC	TGAACTCGGT	AATAAGGCTT
374151	TCTCCCTCTC	TCCCTCCCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC
374201	TCTCTCTCAC	ACACACACAC	ACACACACAC	ACACACACAC	ACACACTTTC
374251	ATTATTTCTT	TTTCCAGTGT	TGAGGATTGA	ACTCATAGTC	TCATGAATGT
374301	TAAGAAGGTA	CTCTACCATT	GAATTAACAT	ATACCTTACT	TTTTATATTT
374351	AGTTTATAGT	AAGTATACGG	TCTCTGGACC	AGAGCCACAA	TGATTATTTG
374401	GTTAGAGACT	ATTTCAGTAG	CTGTTCCTTG	TGTCTCATTG	ATGCCTAGGA
374451	AGGACATGGG	CCAAGACAGG	TTGATCTTGT	GCAGGCAGAA	GAGTCTGTTC
374501	TACAAGATGG	GGATTATCTT	ACATCTGGAA	CATTTATTCC	AGTACCTATC
374551	ACAGAAAGGA	GACAGGACCT	ACAACGTAAA	GTAATAGTCT	CTAGGGGGAA
374601	ATAGGAAGTA	CTCTGTCCAG	GGTTATGAGT	ATATGGCCTT	GGGGAAGGTA
374651	AGATAGATTT	TATAATAGAT	GTCAATTGCA	CTAGCTGGGC	AGGTGACTGT
374701	GCACAACTTT	AATCTCAGCA	CTCAGAAGGC	AGAGGCAAGT	GGATCTATGA
374751	GTCTGAGGCC	AGCCTGGTCT	ACAGAGCGAG	TTCTAGGACA	ACCAAGGCTA
374801	TACAGAGAAA	CCCTGTCTCA	AAAAAACAAA	AACAAAATAC	AACCAAACAA
374851	CAACAACAAA	AAAGAAATCA	ATGTCTCCCC	TAAGGGGTGT	TTAAAGCTCT
374901	ATGGGATTTG	AGGAACAAAT	TATTTTCTAT	ACTGAAAGTC	TGATCCTCCT
374951	GCCCCTATTT	CCAAAGTGCT	GGGATCACAG	GCTCCCACTA	AAATGCCCAG
375001	TCTGATGCAG	GGCTGGGATT	AGACCCAGAG	CTTCATGCAT	TCAAGAACAG
375051	CCCTCTGCTG	ACTCAGCTGC	ATCAGAGACT	GATACGCGGT	CTTTAGAGAG
375101	TGTGTCAGTT	CCCACTGCTC	AGAAAGAAAG	CTCTGCTTTG	TAGAAACATG
375151	GGGATAGCCG	TAGTGTTTTA	CAGTACCCAC	CCCTGTTCTT	TCTTCTTTCT
375201	GTTTACTAGA	AGTAAGGTAC	TAGGTCAACC	CACATTCAAG	GCAAGGTGAT
375251	TCTGTTTCTA	CCTCATAAAG	CCCAACAAAA	CTAAAAGAGT	TATACAATAA
375301	AAAATAAAAA	TAAAAAGTAG	ATATGTCTAA	GCCATCGCAT	GCTACAAAAA
375351	CAAACAAACA	AAACACCAAA	AAAATTACCA	CACACAAACA	ACCCATCCCT
375401	TACCATTTGA	ATATGTAATA	AATATATAAA	TGTATGCAAT	CCCCTTTCTC
375451	CAGGTTCCTG	CAAGGGACAC	CCTATGACAT	GTCATCTTAT	
375501	GGCCATCTGC	ATGAAGACCA	GGTGACCATG	GGGTATTTTG	CTTACAAAAT TGGTAGCTCC
375551	TTAAATACAC	ATCTACTTAA	ACATCCATCA	ACTAGAGTAA	
375601	CTTCCCTCCC	CCAACACACA	CAGCGAGACA		AAGCTGTCTT
375651	GTTGTTTCTG	TTCCCAAAGC	AGGAAAACAA	GGCATGGGCT	AGCCAAATTA
375701	TTGAGTTCCA	ACTGGCAAGC		GAAGCTGGTC	CTTAGCAACG
375751			GTTACAGCTT	TGCAGTCCAA	TCGGGGAATG
375801	TTAGAAATGG CTCAGGGTTC	ACTGGGGCTC TTAGTTCTTA	ATGGTGAAGG GTTCTTCCTT	ATTAGTCTCC	ATAACTCTTC
375851	CTGGACTCAA			TTAAAGACGT	CCTCCCAGAC
375901	GCCAAGACAT	TTGGTCACAT	TTCAGTGAGT	GCAAAGCCAA	ACCAAGCCCA
375951		CACAGAGTGG	AGAAAGGTTT	GTTACCAGCA	GCAGGCAAGA
376001	AACACAGAGG	GTATATCTAA	GTTCTGCCTT	TCTGGAACAA	AGGCAGGTTG
376051	GAGAGATCCC TTCTGAGTAT	TCAAGGGAGG	CTATAGCTGT	TCAAACAGCT	TTCATCCTGT
376101		GCTTAGTTTA	AGGTTCGTTT	AAAAGACTGC	AGACATTTTG
	GGGCATGCTT	ATCTCATGGA	ACACATGCTT	AGAGGATTAA	CATGATGTCT
376151 376201	TGGAATACCC	CTGGGCATTG	CACCATAAAT	TCTCAGCTGT	AAATAAAGAA
	ATGACACCAT	GATAGTTAAT	AATTGGCTGG	ACATGGAAGT	GGGCAAGAGA
376251	TGGCTTTCAA	GGAGGCTAAA		GATAACGTGT	CTCTGATCTA
376301	1 GACATTTGA	CTCTTTGGAA	GCACAGAGTT	TAGACCCCTG	GCCTTGTAGA

376351	CTCTTCAACA	AATGTTCAGC	CTCTCCTTTT	TCCTGGGAAC	TTATGTTTAT
376401	AATAGTTAAG	ATTTATCCAG	CACACATTTC	TTCCCATGTT	CTTTGAGTCG
376451	GGAACTTTAG	AGCCGACTAA	ACTTTAGAAC	CACTTTAGGC	GTTTCTGACT
376501	CAGATCATTC	TCTGAAGTTA	TAGTGAAGAT	GTTGGCGGAA	AAGATGTAAG
376551	GAACGGTATG	GGATCAGGAC	CCCCAAGACC	AAGTTCTCAG	CATGAAGGAG
376601	ATTTATTTGC	TCCAAAAGGA	CAGAAGGCAG	GGAATAAGAG	AGAAAGACAG
376651	GAGATGGGGG	ATGAGGAAGA	AAGGGAAGGG	GGCAAAGGGG	AAGCGGGAAA
376701	GATATTTGCC	CCAGAGGGAC	AAAGGACTAC	CTCTGGATAA	AGAGGAGACA
376751	GACATGGCAC	ACAGGCAAAT	GGAGGTTTAT	ATAGGTAAAG	
376801	ATGTTAGGAT	GAGGTGTTTA	ATTTTAATTG		AGGAAATTCC
376851	CAAAGGGGTC	TTTTGATTGC		GGCATGTTAA	TTAGGTGAGC
376901			TAGACTTCAA	TACTTCTATA	GCTGGACCTC
376951	AGCAGTCACC	CTCAGGAGGA	GGAAGTGGTC	CAATAAGGGA	CTAGACCCAG
	ATGGCTAGCC	TTAGGAATAT	AATCTAACAG	TGTTTAGCAA	GGGAATGGGG
377001	AAGGGTGAAG	CCCGTTGGAG	CCAGACTGAC	CATGCTCAGG	CTAGTCCAGA
377051	GTCTCTTCAG	ACACTTACAG	AAAATGCCTC		ACCCTAACCT
377101	CACAGATGGA	ATTCAGGTCT	GGGAGGAGTC	TGGCTCTCCA	AGTGGGGAAG
377151	TCCTGCCCTT	CAAAGGCAAG	GGGAGCTCCT	GGGGCTAAGA	CTGTGGTTGG
377201	AGCCAGCAGG	TTGCATGTGC	CGCGGCACAT	GAATGGCTAA	GTCTGTAAGA
377251	GAACATTAGG	CTTGAGGCTG	GGAAGGAGTA	GGCGCCCACT	AACAGCTCCA
377301	TAGCTATTAG	GGATTAATCT	ACCACATCAT	ACAGCATTCA	AATCCCCCAT
377351	CAGCTACTGA	CCTTTCTGGC	TACGTAGTGT	TTCACTGAAG	TCCTTCTGAC
377401	TGTGCGGTAT	TTAATGCCTC	CAGCACATTC	CATCCAGTTC	AGAGAACAGA
377451	CGGGTTATTA	AATACACCTA	GAAACTCTGC	CCAAGGCTCT	TGTTTGTGGG
377501	CTGAATCAAA	CGAAAGGAAA	TTGTCACCAC	AAGAACTTGG	GTGAAAATTG
377551	AGTGCTGTCT	CTGAGGTTCA	TGAGAATACA	TGTACTTGAA	TCCTCTCCCT
377601	GTCTAGCCCT	AGATCCTTCA	GATGTGGACA	TGGGTGTTCA	CACATCCAGC
377651	ACAGTTAACA	TCATTTGCTC	TAAGGGTTGC	CAAAACGCTG	ATAATATCTC
377701	TTTCATTCAG	AGATGTTTTC	TATTAGAATA	GCCCTGGACC	GAGCTTTAGG
377751	CCTGAATACA	TATGACCTTA	TTCCTCTTCA	AGATAATTTC	TGGGAACCTC
377801	AGGCAAGACT	GTTAGCTTTG	TTTACAGTAA	GGACATCCTA	ATGCCTGCAT
377851	CCTTGGCATC	CAGACATTAA	CCTTATCCGT	TGTAATCCCG	TTTGGTGCCC
377901	TTGGGACCCA	CACTGTAATT	TCATGTAAGT	TTCCTTAGTA	AGCCTTTAAG
377951	GATAATAGCT	TTAAAACCCA	TGGAAATTGC	TTCTAAGGCA	ATTTTAAGAC
378001	AATAAAGTAG	GGCTTGCTTT	TTGAGATGCC	CATACTCATG	TACTAGGGTA
378051	TGTCTTTCTT	AACCCTCATA	TTTTAAAAAT	CTATATTAGG	CTGGAGAACA
378101	TTGTTCAAGA	GCACTTTCTG	CTCTATCAGA	GGTTGTAGGT	TGTAGTCCAA
378151	GCCCTCACAC	GATGACTCAC	AACCAATCCC	AGGGGATCTG	ATGCCCCCAG
378201	TTGGTGTTCT	CATGTCCCAA	CACACATGTG	GTACATAGAT	ATAAATGAAA
378251	GCCTAACACC	CATAGACATG	AAATAAAAAT	AAAACCTCCC	AAAATCTATA
378301	CAAAAAAAAA	TCATCCCATA	AACTCTAACT	TTGCTTCATC	CTGGCTGGTC
378351	CTGAAATTCC	CTTCTATATC	AAATTCAAGG	ATCTGGTTTG	AGTCGAGGTC
378401	CCTAAAAGAT	GAAGAGAACT	CCTCGGGCTG	CTAAGGGCGA	TGGCACTGAG
378451	ATCCCTCCTC	ACCAGAACTG	ACATCTTTGA	ATGTGCTAAG	TCACAGGCAG
378501	AAAACGCTCC	TCTATCCTAG	CCACAACCTT	TCCGTAGATC	CACGCGAGTG
378551	TTCTGCGTGA	CCCTGTGCAC	TCTCCACTCC	AGGCCTTTCT	CAGCTTTCCT
378601	AGGAAAGCTC	CTTTCACGTC	CACTGTTCCC		
378651	TTGTTATTAA	TAAGCTATTT		TTAGAAGTTG	CAATTATGTC
378701	GAAATCTGTT	GCCTATTATG	TCCTTCACCA TATGTAACGG	GAATAACAAC	TTTCTCTGGG
378751	TGCTGGCTAG			AGCCCAATGC	TTGGCCAATG
378801		TTTGGTTTGG	TTTGTTTGGT	TTGGTTTGGT	TTTGGTCAAC
378851	TTGACACAAG	CTAGAGTCAT	CCGAAAGGAG	GGTACCTCAA	TTGAAAAAA
	TACCCCTATG	AGATCCACCT	GTAGAACATT	TTCTTAATTA	GTGATTGATC
378901	GGGGGAAGGT	CCAGCCCATT	GTGGGTAGTG	CTATCACTGG	GCTGGTGGTC
378951	CTGGGTTCTA	TAAGAATGCA	GGTTGAGCAA	GCCATGATGA	GCTAGCCAGC
379001	ATCAACCCTT	CAAGGCCTCT	GTGTGAAGCT	CCTACCTGCA	GGTAAGTGCC
379051	CTTCTTCAGT	TCCTGCTCTG	TTTGAGCTCC	TATCCCGACT	TCCTTCAGAG
379101	ATGCACCATG	GTGTGGAAGT	GTGAGCCAAG	TAAACCCTTT	CCTCCTGAAC
379151	TTCCTTCTGG	TCATTGTCTT	TCATCACAGC	AACAGTAACA	CTGACTGGGA
379201	CAGGATTGTG	GGGTATTGCT	GCGGCAGACC	TGACCATGTT	TTGGAGAGGA
379251	TCGTGGAAGG	ACTTTTGGAA	CTTTGGGCTG	GAAAAGCCAT	TGGCTGTTCA
379301	AAGCTTAGTG	AGCCACTCTA	TGGGAGCTTG	GAAAACTAAG	AGTGGTGAGA
379351	GAAATGTGGG		CTAGTTTGTG	AATATCCAAA	GGGAAGTTTG
379401	GGTAGTAAAG	ACTCTATCAC	AGCTGTTCCG	CGTATTTTGT	GTTGAGACTC

379451	TGTGATTCTA	GTCAGCTGGG	GCTGAAGAAT	CCGCTGTGAT	TAACAAGAGA
379501	CTGGAACCAA	TCAAATGAGA	CCTTTGCTTA	CTGGGACAAT	GGATAACTGG
379551	TCAGCCGGAG	CTAAGCAAAG	AGCAGATCGC	TGAGGTGACA	TCTGGAAAGT
379601	GTTTTCTCAA	AGTCCACAGT	CAGAAGCTGT	GTTCCAGAGG	TGGTCAAGCT
379651	TGGACCTCAT	GCTGGCAGCT	GGACTTGACA	GTACTGGTTT	GAAGGCGCGA
379701	AGGGCTCATA	AAAAGCAGCT	GAGGCTTGGC	ACAGAGAGAG	GCCACTGGAG
379751	AAAGTGCAGA	CTCAGCACAG	TTGAAGGCCC	AGGTTTGAAG	AGGTCAAGGG
379801	GAGAAGTTGA	GGCTTGGCAC	TGTGAAGAGA	GTCTTCTCTC	TGTTGGTGTG
379851	CTTCACCACA	GCAATAGTAA	CCCTGACTAG	AACAGCCGAT	AAGTGCCAGC
379901	CTTTTGACAA	TTAATTAATT	CACATTTGCA	TAATATGCAA	AAAAGTTATT
379951	TCTTAGGAAA	GAGGATACCC	TTCTAGGATT	AAATTCATCA	CTGCGAGGAA
380001	AACATCGGTA	CCATCGTGAC	TGAGTTTTCT	TTCTGTCCCC	ATGAAGTTTG
380051	ATGGTGTTAA	GATTTTTCCT	CTGTGAACAA	CGTTCAAATG	TCTGAAGACC
380101	TGTGAACAAT	TCTTAGGGCA	AAGACGTCAC	CTGGGATTGC	TGAATTCATT
380151	CACACAAAAA	AAGTCAAGAG	CCAAGATTTG	GGCCTGAGGT	AAGTTTAGAA
380201	ATAACAACTG	TGGCCAGGGC	TGGACGAGCC	ATTAGTGTGC	TGAGCACACG
380251	TGGCAAATGG	CTAAGTCGAG	ATGATCCTAC	TTCAAGATCC	TGAATTTTAT
380301	TAGGTCATCA	AAGACTCCAT	AGGAACTCTG	CACTTGCCTT	ACAGCAGTTC
380351	ATTCATTCAA	GGACCAGGGG	AGGGTGTACT	GAGATCCCTG	CCCCACTTAA
380401	CTGGGGAGAT	AATGTGGCTT	GGCAATCGGG	ATATTCAAAG	GACATCTGTC
380451	TGATTGGCTC	TAGACCCTTC	GGGGAATTTG	CTGGGGGGTG	GGGGTGGGG
380501	AGATTCCCAG	TGTTGTTCTT	TTCCTCCTGT	TTCACGGTCC	AAGCTGATGC
380551	AAGCTGTGTC	CCACCCTTTC	TTACTACAGC	CTCTTAGCTT	TCAGGGAGCT
380601	ATTCAGCTCA	CAGGGATATA	CCTGATTCTT	CTGTAAAGTC	TATTTCATAA
380651	CCTCTCATAC	CCTCCTACCT	TCCTTCCTCC	GTCTTACTGC	ATGTTCCATA
380701	CGGACTTCTG	GATCATGTTT	TTATACACCA	TCTTGACTCA	CAAGGATAAT
380751	CATTTCCCCT	GGCATTCAAG	GTGTCTGTTC	CCAAGGGCTG	TCTTTCAACA
380801	GCGGTGTCCT	TGGGCAATGA	AACGAATTTC	TGAGTCTCTT	TGTTCTGATG
380851	TCTGTGCTTC	CTTAATGAGG	TCATTTAAAA	AGATCACACA	AGAATGTCTG
380901	TCCGTCTGAA	CAGGCTAGGC	CGACCTGTTA	CCACAACCCC	CTTAAGACTC
380951	CACAGCTTCT	CTTGGTGCTG	TGTGCTCACA	ACAAAGTCCC	GAGCTTCACG
381001	CTCACCAACA	GGTCTGTGGA	GCAGCCTTTA	GCTGGAATGC	ATAGCGCATG
381051	TGCACCAAGG	ACAGATGTAA	GAATTGCCTT	TATGTAAAAA	CCAGTTCCTG
381101	TAGGGTATGT	GTTTAGATCC	CAACCATGCT	GAATCATAAA	ATCTTTCGGT
381151	CTCCTAGTTT	CATCATCTGG	ATGGGTCACT	ATATAAGTTT	ACTGGAGAAA
381201	TCATAACAAA	TAATCATAAA	CTTGACTACT	TAAAATAGCA	TAAATGCTCA
381251	CAATTTCTGG	AGGTCAGAAG	TATAGGGTTA	AGATGCTGGC	AGGCCCTCCA
381301	TGGCTCTAAA	AGAGACTGAG	CTTTGCTTCT	TACAGCATCT	AGTGGCTATG
381351	ACATTCCTTG	ACTATTGGTC	CCATTGTTCC	AACCTCTGAC	TTATAAGATA
381401	TTTGTCAGTG	AAGCATTTAG	GGCAGATCTG	GATAAACCAG	GATGACCTCA
381451	TCTCAAGATT	GTTAATTACA	GCTTTAAAGC	CCTTTCTTTG	AAATAATATC
381501	ATAGCCATAG	GTTCTAGGAA	ATAGGACACA	AGAATATCTT	TGGAGATCAG
381551	CATTTAACCT	ACTGCAGTTA	CCAGGTGAGT	AGGTAGGTCA	CTGGATATTA
381601	TTTAAAATGA	GATTGGCTTT	ATAGATAACC	TTTTTCTTTT	AGTGACCAAA
381651	GACTTAATTG	ACATCCAAAT	ATTAAGGAAC	ACACAGCTGC	CAAATTTCCC
381701	AGTGACGTGC	TGGTTCACAC	ATGTACCAAG	ATTGACATGT	TGGTTTGCAC
381751	ATGTGCACAT	ATATGTAGGA	CTGACATGTT	GGCTCACACA	TGTGTACAAG
381801	TATGTAGGAT	TGATGTGTTG	GTTCACACAT	GTGCTATGTG	TATAGGATTG
381851	ATACCATTGT	TCCCCCTGAG	GTTACTTTCA	GACTATCAAT	GTCTCTATCA
381901	TACAAATGAA	CACTAAAGTA	TGAAAACTCG	GATTTTTTCA	CATCTGACCA
381951	AAATGGAAGA	AGGGGAACTT	TTCCATGTAA	CTCTGGACTA	AGGCTTTCTA
382001	GGAAATTCTC	TGGGGCAGTC	TGTACCCAAA	AGACAAAGTC	ATTATGAGAG
382051	ATGTTCCATA	AGAGTCGTTT	TAATTCCTAA	GAAGTTTTGC	CCATGATTAA
382101	TTATGTTTTA	GAATAAGTTA	TACTTGCTTC	TGGGCTTTGG	GGAAGAATTA
382151	GATGTAATTG	GGTGTCTAGG	AGGGAAATGT	CAACCTAGCC	TTCTCCGCTC
382201	TTGTTTTGTT	CTCCCTGGCT	CTTGATAAAA	GTTAATGAGG	CACACTTTTC
382251	CTGTTAGCAC	ACGTCCCTGC	TCTTGGTGTA	GAAATACACT	GATGCTCTAT
382301	GCCCCTTTTC	TGTCATGTGA	TGAAGGCCGG	GCGACTAGAA	AGAGTGGTAA
382351	TTTGTTGTCA	TGGAAATGAG	CTAACACAAA	GCATTGGGTT	TGAACTTTGC
382401	CTGGAAATCC	TTGGGAAAGG	TGAGGGAGAG	GGTAATACAG	CTGTACCACC
382451	AAGAAGCCAC	TGTGCTCAGA	GAGACGGGGT	AAGGTGCTGG	GTGGGCTTTT
382501	CTATGCTTCT	TCACACTTGA	ATATTCTGAG	CCTACACTGA	TCATGAAGAA

382551	GTGGCCAAGT	CCCTGTGAGC	TTTTCCCTCC	CCTGAGTGCA	CTGTTCAGTA
382601	GGTTTAGCAT	CCAGGTTCTG	CATTTCTTGG	GTAAATATGA	CTCCAACCTT
382651	AATAAAAAGC	CTTAACCTGG	AGGCATTTTT	AGCAGCTCAC	TTTACTTTCC
382701	ACAGTTACAT	TAGCTGCAGC	TTCTAATGAT	GTCTTGAATA	CCTTTTCGAT
382751	GGCCCTAAAT	GACAGAGCTG	TCCCCCTTGA	CCATATCTGG	ATTATTGATC
382801	CTGACTGTCC	CTCCCCCTCC	AGCCTTTAGA	TCTCATTCAA	TCTGGCTAGT
382851	TATAGTAAGT	CATCCTTGCA	GCCATGATGA	ATTGATCCAA	AGGTGAACTC
382901	GTGAGGATTA	CCAAACCAAT	CACGGTTATT	TCTCAGAACC	TTTCAGATGA
382951	GAACTTAAAA	AAAAAGGTAG	TTTCATTTTG	GTGGGGTAGG	CTGGCCTCTG
383001	GATATGGTCA	TGTGGATCAT	GTCTTCAAAG	AAATCCTGTT	AAGAGAATAA
383051	ATGTCATAGA	ACAACAGACA	AAAGATGTAA	AGAGGAGGG	GTGTTGAGAT
383101	GGCACAGGAG	AGGGACACAT	ACTGTCAAAC	CTGGCGTCTC	GAGTGCTGTC
383151	CCTTAAACCC	ACAGAGCAGG	AGAGGAAGTT	TTCCTCTGAC	ATCCACACAT
383201	ATAAAGTAGC	TTGTCCTACC	CCAAAGTGGT	TTAATTATAA	AGATGGAAAG
383251	CTGCTACTGG	CCACAACCAA	GTCCTGAGCT	GCCTTGTCTC	CATGGTCCAG
383301	CTTCACTTCC	CACAGTCCTG	AGATCCACCT	CCAACAGACC	CCCATTGCTG
383351	GACTCCACTG	TTGATGAATG	GGCTTCTTGA	GTCTTAGCTG	ATGGGTTCTC
383401	TCACCTTTGC	TGACTGGGAC	GAGAGCACTC	TCAGTCAAGT	TGTTGGCGTC
383451	TTAGGAAGCT	AGGGGTTTGT	GTGACCAAAG	GAAGGAGTCA	CAAAGCCCTT
383501	AGAATACCCT	TGTGTTAACA	TGAGGAGGCA	GCTCAGTGCT	ACAGTGCTTG
383551	CCCAGCATGT	GTAAAGCCTT	GAGGCTAATT	CCCAGCAAAA	GACACACACA
383601	CACACACACA	TACACACATA	CACATACACA		GAGAGAGAGA
383651	CAGACAGACA	GACAGAGAGA	CAGAGAGACA	GAGAGAGAGA	GAGACAGAGA
383701		CAGAGACAGA	GAGAGAGACA		CAGAGACAGA
383751	CAGAGAGAGA				GAGAGAGAGA
383751	GACAGAGAAA CAGAGAGAGA	GAGACAGAGA GACAGAGAGA	GAGAGACAGA GACAGAGACA	GAGAGACAGA	GAGAGAGACA
383851	GAGAGAGAGA	CAGAGAGAGA	GACAGAGAGA	GAGACAGAGA	GAGAGAGACA
383901	CAGAGAGAGA	GACACAGAGA	GAGAGACACA	GAGAGAGACA	GAGACAGAGA
383951	GACAGAGAGA	GAGAGACAGA	GACAGAGAGA	CAGAGACAGA	GACAGAGAGA
384001	CAGAGAGACA	GAGTCATCCA	TCCTTACCAG	GCCAAAGCTG	GTTATTACAC
384051	TCGTGCTGGT	AAAAAGGCTG	AAGCAGGAAA	ATCAAGAGTT	CAAGTTCAGC
384101	CTGGGGATACA	GAGCAATATG	TTGTGAGCAT	GTTATTACAG	AAACATAGAT
384151	GACATTGTGT	CTCTCCACAA	TGTCAGAATG	CATTGAGTAA	AAATAGATTC
384201	ACAAACTATA	TCACTTTTGC	TGTTTGCAAT	TTGCCAAATA	ACTCCCAGTT
384251	TCACTTGGTA	GCTGGTAGTT	GGCTATCACA	GGTTCTTACA	TCCTACTCTT
384301	TACTATTATA	CTCTATGATC	ACACATTATT	CTTTATATAA	GTATGTGTGT
384351	GTGTATGCAT	GTGTGTATGC	ATGCATGTAT	GTGTATGCAT	ATATGTGTGT
384401	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GAGAGAGAGA	GAGAGAGAGA
384451	GAGAGAGAGA	GAGAGAAGTT	AAGGAAGTTG	TTGAGTTCAT	AAAGGTTGTC
384501	CTGAAATTGA	GACAGAGAGC	TAATACAGGC	ACAAGGGAAC	GTCTGTAGCA
384551	GGCCATGTAA	GAAGTCTTGG	AAGCATCAGG	CCTAAGAGCT	GTTCAAGCAT
384601	AGGTGGTAGA	TGCCATTTTA	AGGGTCTAGG	CACATTTGGT	GAAAACCAAA
384651	ATTTAGTTCT	TTGATTCTTC	TGGTTACTTG	TCTGAGGAAG	ATGGAGTCAA
384701	GGAGCCGAGC	CCCCTGCTGG	ATTTGCTGTG	AGGGCTTTAA	TAGAAAACAA
384751	GAGAATGATC	TGGAAAGCTC	TTGGAACTGG	CTGGGCCGGA	GAGGGGGAGG
384801	GGTAGATCCG	ACAGCCAATC	ATGGAAATGG	GGGAGGAGTC	GAACGTTGGT
384851	CGTGCTTGTT	AGAAATCTAC	TCAGTGGAAA	AGTGAGCTTA	GTAGATTTAT
384901	AACATCTGTC	CTAATGCATG	GGTATATCTA	GAATTCCCAT	TCTGCCTGAA
384951	AGAATGTCCT	TGTATGGTGT	GAACAGGGCA	GGAGGTTACA	TCTTACTGCG
385001	CTGATAGAAC	CTTCCAGGTA	GTCTAGGTCT	ATTTCATCTA	ACATCACATT
385051	CAGAAATCTT	CAGTTAGATC	TTAGCTTCCT	CTGGGGAACA	ATGTACTGAT
385101	CCGCAGGCCT	TCAAATGCTC	ATGTCCTTCT	GAAGGTGCTT	TCTGCATGCA
385151	GCGGGCAAGC	TGATATCCCC	ACCAGCCTCT	TGAATGTGAT	TAACAGGAGC
385201	CTGACTTGAA		TTGCTGGCAT	GCTGACAAGG	
385251	ACTTTGTCTA		CACTGGGGTT	ATAAATTTGT	AAGATAATAA
385301	ATAACACCAA		TTAGCTAAGT	CAGCCAGCCA	
385351	AGCAGGGTAT		CTATCTGACT	GAGAAGGCAT	ACTGAACTTT
385401	TCTCTCAGGC			TAGCTCTTTT	
385451	GTCTGTCTGT	CTGTCTGTTA		TTCTGTTCTC	TCTTTCTTTT
385501	TAGACAGGGC	CTCGCTATGC	AGCACCCATG		TCACTTTATA
385551	GTCCAGACTG		CGTTGAGATC	TACCTCCCTC	
385601	ATGCTGGGAT				

385651	GAATACAACC	TTGTTGGGGA	AAATCATTAT	AGCAAGGTGA	AAACATTCAA
385701	GGTTGGAGAT	AATACCAAAA	GTGTCGACCG	ACTGGCGAGA	TGGCTCATCG
385751	GCTGAGATCA	CTGACTGCTC	TTCCAGAGGT	CCCGAGTTCA	GTTCCTAGTA
385801	ACCACATGGT	GGCTCATAGC	CATCTGTAAT	GAAATCTGAC	GCCCTCTTCT
385851	GGTGGGTCTG	AAGAAAGCGA	CAGTGTACTC	ACATAATTTT	TTTTTTCTTA
385901	AGTGTTGATG	GAATGAATGT	GGGGGGTCC	CTGAAAAAA	ATCATACCTC
385951	ATCGGCTGCC	TCTCACAGGA	GAGAAGTATG	TGCTCTGGAG	CCCAACACTA
386001	GATTTCCATA	GAGGCCATAC	TCTGTCCTAA	GCAGGGATCG	AGCCCAGTAA
386051	GAATGAGACA	GCCTATCCTA	GGAGACAGAG	GACTCCTCTG	ATGTCTGCCT
386101	TTGGCCTGAG	ACTTCCCATC	AGTCTTGGCA	AACCTCTGCT	GGATTGTACA
386151	GTAGTCTATA	ATGCTCCTGT	CTGGTGTTTC	TCCCCGATTG	GCTTCTTGGG
386201	GTTGCGGTTT	GACTGTGCTT	ACTTATTAAA	GTTTGCCCTG	GCATCTGTTT
386251			ACCATGAACA		AAATCCCAAC
	TTCAAATGCC ACAACAGAGA	CCAGATGAGC AGTAGACTCA	AGGTGGGGTT	AGCCCTGCTG	
386301				CTAGAAAACC	AGAGAGCTGA
386351	TAGTTACCCA	GGCATGATCA	GTGAAGGAGT	GGGATGCAGG	GTTTCCCCAC
386401	GTTAGACAAG	GAGCAACAGC	AGGGAGCATT	TTCTGGAATC	TAGAGGCTTG
386451	GGGAATGGAT	TGCTTTATAG	GAGTTAGAGA	GTTTCCATAA	GGATTGTAGT
386501	GAAGTGGAAA	CGTAAGAGTT	CTTCGGAAAG	TCGGTTGGAT	GGTGTTTTGC
386551	TGGGGCAAAC	ATGTGAAGGA	ATGTTTAGCT	GAAGTGGACA	CATGAAAAAG
386601	AACGTTCTGC	TAAAGCAAGA	AGGTGAAAGG	ACATATGATG	AAGGATTCCT
386651	CACTAGCAAA	GCATGTATTG	GTCCACCTTC	CTTTGTGTAG	TTGAGCTGCA
386701	TTTGTCAAGA	CTCCATAGAG	AGAAACATGC	CGAAAAACTT	TGGGTGGTGT
386751	GCTGCAGTTT	CTTGCCAATT	CCAAGGACTT	GGGCTGATTG	GCAGAGTGGT
386801	GTCAGCTGAG	ACAGACACAT	GTGCTGAGGC	GAGACCTGTG	GAGGACACAT
386851	ATTTGCAGGG	AGTATAAAAA	GGACTCAATG	GACAGTGATG	GAGGCTGAGC
386901	TAGGCTTGCT	TATAGAGCTA	GCTGTGCAAT	GCTTGTTGGT	CTTGTGTCTC
386951	CACTGTCTTC	ACTGATCTTC	ACTTTGCTGA	GAGAGGCACA	GCCAAGAACT
387001	TCTGCCATCC	CTCCTACTGA	CTTGTGCCAA	GGCTGAGGCC	TGGCTGTCTC
387051	TGCTAGGTCA	TGCCACCGCT	GCTGATTCCT	GTTTGCTAAC	TCTAACTTTA
387101	CTGAACTGGT	CTGCTGGTGT	CTCAGTTAAA	GTGCCTGTGA	GTGGATCAGG
387151	CTGCTGTAGC	TAACCTGTGA	ACAGAACTGT	CAATTTCCAG	ACGACACAGA
387201	TGGGAGTTGC	TCCAAAGAAC	CCCTCTAAAC	AGGTCCACTG	CCTTTGTATC
387251	CTTTCTTTTC	CACTGCCTAT	GGTGGGTTGG	TGGGTTGAAA	GGGAGGTTAA
387301	AGCATTTAAT	AACCATCATT	AAAAATAGAC	TTTGAAAAAA	TTAGAGTTAT
387351	ACGGTAACCA	TAGGCAGGTT	CCCAGGTAAC	AGGAACTCAG	CACTCTAAAT
387401	TCACTAGTCT	GCCCCACCC	AATCCGAAGC	TTACTGGTGT	TGAACTCAAT
387451	TGGAAACCGA	GGGGTTTGTG	GGCATGTTGA	AAGCTCGTGT	GTGTCCCACA
387501	CAGGGAGGAT	GAGAGTGGCA	GGACTGAGAG	GAGATGTCTC	CAGACAAAAG
387551	CCAGAAACCA	GCTTTGGTGT	GGTGGCAGCG	AGCCTTCTGC	CTAGGTTTGC
387601	CAGAAGCAAC	AATCCTAAAA	GAAAATAGCA	AGTCAGCAAA	CCAACGAGCA
387651	GTTTCCTTCC	AAGGATCTGC	TGCTTCAGGG	CCGAAGCGCG	TCTGTCAGCC
387701	ATGGTTACAC	TGAGCCCTCT	GCATCTCTTA	GCCTCAAACT	CCCCCAAGTG
387751	GCAGCTTCAT	CCTCCAGCTA	GTCCACCTGA	TCCCTTCTGA	GTGCTGTACT
387801	CGGCGTAGTC	AGAGACAGGA	CAGCCATCTG	TCCTGTCAGG	CTTCACGCAG
387851	GAGGGAGAAA	ACCTCTCCAG	AACATCTCGG	AAGATTCTTA	TTAACAGCCA
387901	TGGTTGTGAG	AAGAGAATGC	TGAACAAGCC	CTGGGTTCTG	CTGGAAAGGG
387951	AGGAGCCTGC	TACACATTCC	CCCCTTTCTT	TCTTGGCGGA	ATCTTTTTAT
388001	GAAGTCCAGG	CTGGCTCTGA	GTGTACCCTG	CCTTCTCTGT	GCTGGTTTAG
388051	AGGCATATGC	ACCCTACCCC	ACCCACTTCA	TTTAACTTCA	
388101	TGAGTTAGCT	CCCTGATGCA	TACGTCGGAT	TACTACATCA	TTCTTCTCTT
388151	CGTAGAACCC	TGCCACCCTG	GCATACAGTC	AGTACCATTG	TTCTGGAACC
388201	CCAGTGAGAC	ACCCCAGTCT	CCCTCCTCTG	CCGACTCCCT	ATCTGTCTTT
388251				GTTCACTTTG	TGGGTTCTTT
388251	ATAATACACA CATGACCTTG		TCCCACGGCC CCCTGCATCA		TCAGCTTGTT
				GGGAGCCTTC	CCATGGCCTG
388351	GTAGGAAATA		GTGACATCCC		
388401	CTGTGTGCTC	CATGACAGCT	TGTGTTTGTC	TGTAGGGCTT	CTGTGAATCC
388451	CAATAACCTG	TCTTCTAAAT	AGTCTCTCCT	GGTTTCTAGG	ATGGAAGGAG
388501	GAGCCTGTAC	TTATTGAAGG	CATGGCTGGA	AGCCTGGGTC	AGCACTCAGC
388551	TTCTAGCAAT	CAGGCAGCCT	GGGATGGACT	CTTCTTGGCT	TTGTTGTTGT
388601	TTTCTAGTGA		GTTATTTAAC	TCCCCTGCGT	ATCTGTGTCC
388651	CCACGCGTCA		AATATTAACA		
388701	AACGTCAAGC	AAGGTGACTT	ATGTAAAGTA	CTTAGCAGAG	CGCCTGGTAC

388751	AGGGTCATTG	CACAGTGAGT	ATTTGCAGAC	TGAATGGTGA	TGAGATAAAA
388801	TATGTTTAAA	CAGAACTGAG	TCTTTTCCAC	TATTCTGGAG	TGCCACATTA
388851	TGCCCTAATA	TACTTGCCCG	GATAGAGGTC	TGTCAAGGCC	AATCTTTTCT
388901	ATGTGACTGG	GAAGGGGAAA	AACGTAGCTG	TCTGCTGATC	TCCTAGCACC
388951	GTTACCAACT	GTGATGCTGC	TCAGATCTGC	CACTACAGAT	TGAGCCTCTC
389001	AACTGTGCCA	GCAATTAACC	ATACTTACTA	AGCAGAAAGG	CAGGTTTGAG
389051	AGCAGGGACT	CGCTTCCTGC	CACACACACT	TCAGTCTCAT	CCATTAGTCA
389101	GCATATAAAC	AGCAAATACA	TTAGCCTTCA	AAGAACCTCG	GAGGATGGGT
389151	GGCACTTACT	CAAGAGGAAC	AGGAAGAAAG	AAAGATTACC	CAGATAATGG
389201	GAAGAAAAGA	GAAGTGGGAG	CTCAATCAAT	AGAGGAGGC	AGTGTGGGCA
389251	CATCGGTGAG	TGGCAGCAGA	GTCTTGCAAG	AAGAAAGTCT	TGGATAGCTT
389301	CCTTAAAAAA	AAAAAAAAA	GGTGAACTAC	CTTAAATTAA	TGTTTTGTCA
389351	CAGAAGTATA	GAACCAGGAA	GGAATTTTAA	ATCCTCTTGT	TTGAAGAAAC
389401	TGGAGCTCAG	AAAGGGAGTT	TTGACCAAAG	TCACCTCATT	GGTCGACACC
389451	CCCAGATTTC	TCTTGCCTTA	GGCTGTACAT	TTCCTTTACT	AAAGCGGCTC
389501	TTGAAGAGTT	TAGACTATTC	GGCTTCTTAA	AGCGACACTG	AGGTAGCTTA
389551	TTAGGAAAGT	TTCGTCATGG	GTGGGGAGGA	GAGAGAATAA	TGGGTGTGGA
389601	GAACAGGGAC	TGAGAAGGGA	GGAGGTCGCT	GGGAGGAAAG	TCGTCAGCCT
389651	CTTCTAATGC	TCCCTTCCTT	CTGTAGAGAG	CCTAAGCCAT	ATATTCATAC
389701	TGAAGGGTGA	ATGACGCCAA	GCCATTCTCA	AATGGTGTCT	GCTAGGAAGG
389751	GTGTGTGGTC	ATAAGGACAA	GCTTATGAAG	ACCTCTCTCT	AATCCCATCT
389801	GCCTCAGTGT	CATGCCATAA	CTTCAGGAAA	ACTCCCCTAC	CAAGGGAACC
389851	ACCCAGAACA	TTCTAAAGGG	ACGATTCTTA	AGATATTTGG	GGACAGGTGC
389901	CACACCATGA	CCCTCGTCTC	ATGCCTCAGT	TATTCAGGCT	AAACATAATT
389951	CATTCTTTCT	GCTGCTCCCA	CCCAGTTTAC	CCTTGTTGTC	CTGCTCCGGA
390001	TGAGTGGCCA	TCTGTCCCTG	TCTATTTCAA	AGAACCATGA	ATGGTACATT
390051	TAAGACCAGT	TGTGCAGGAA	GCTTGGGACA	GTCCCCTCCC	ACTCACCCAC
390101	CCCCATGGTT	CACGGGTAAG	TTTCTATTAA	CAGAGTCTGA	GTAACAGGGC
390151	CTCTTCCGAA	GCTCATAGGC	AAGCAGCTAC	CAATGGACAC	TGAGCTGCAC
390201	AGAAGTTTGC	GCTGAAGAGG	GCTTCGCCCA	GTCATCAACC	CACACATCCA
390251	GTTACACTGG	AGAAGAACAG	ACAAATATGG	GAGAAAGCAT	AGCAGTTGCT
390301	GTCACATTCC	AAGCCAGCTC	CCCACGCATG	CTCATAAGGA	TACTTCCCTT
390351	CTCCCAGATC	TGAAACCACA	GAGTCCTGTC	TGAATATCCT	TTCTTTCATA
390401	CTTATACCAT	TGTGTTGCTT	TTATTCTTTC	TATCAAATCC	ATCCCTTCCC
390451	ATTTCCTCCT	GTTTCCACAC	TCACTACCAT	CTGAAGAGTT	GCTCACATTG
390501	ATGTCTTCCT	TCGGCTGCTT	TACAGGGTGG	ATCCAGAACT	CTGCATTGGC
390551	CTTAAACATA	CCTTTCTGTC	GCCCATTGGG	GTTGGGCTAG	GGATGTAATC
390601	CGTGTTCTGA	CTGTGTTGCT	CCTCAGGAGA	AAGAAGGAAC	TTCCAATTCT
390651	ACCTTCGTGA	CCTTTTATTT	CCACTGGCTT	CAGCTCGGTC	CTGCTGTCTG
390701	TCACTTCTCC	ACTGTTTGCA	TCGCATCCTG	TATCTATAAG	ACTATATTTT
390751	TGACATTTAA	GAAAAATGTA	AGCATCTTTT	TTTCCCCTGA	TATTTTTTT
390801	GGTTTTGTTG	GCTGCTGCTG	CTGCTTCTTC	TTCTTCTTCT	TCTTCTGTTT
390851	CTTCTTCTTC	TTCCTCCTCC	TCTTCCTCCT	CCTCCTCCTC	CTCCTCCTCC
390901	TCCTCTTCTT	CTTCTTCTTC	TTCTTCTTCT	TCTTCTTCTT	CTTCTTCTTC
390951	TTCTTCTTCT	TCTTCCTCTT	CCTCTTCTTC	TTCCTXXXXX	XXXXXXXXX
391001	XXXXXATAAC	ATTCATTCTT	CATCTACTTC	ATATTACATC	TACCTCTCCA
391051	TCCTCTTAAA	CAAATTCTTC	CTCCTCCTCT	TCTGTCCTCC	TCTTCTTCCT
391101	CCTCTTCTTC	CTCCTCTTCT	TCCTCCTCTT	CTTCCTCCTC	TTCTTCCTCC
391151	TCTTCTTCCT	CCTCTTCTTC	CTCCTCTTCT	TCCTCCTCCT	CCTCCTCCTC
391201	CTCCTCCTCC	TCCTCCTCCT	CCTCCTTCTT	CTTCTTCTTC	TTCTTCTTCT
391251	TCTTCTTCAT	AAGGTCTCCT	GTTGTCCAGG	CTGCCTTAAA	ACTTAGGCTT
391301	ATTCTCCTGC	CTCTACTTAC	CTAATACTGT	AAACAGGTCT	GCACCACCAT
391351	CATGCCCAGT	TTAGAGAATC	TGGGAAGCAA	ACCCAGGGGG	TCTGAACACG
391401	TAGGCAGGTC	TACTCTGCCA	ATCGAGCTAT	ATCCACAGCC	CCCTATAAAA
391451	GACTTTCACT	TATTTCTTTG	AAACATCACG	TCTGCCTCTA	ATCCATTCCA
391501	CACAGAGCCT	AACTGGTCCC	TTTAAAAATA	ATAATTTCAT	TTTCAGAGAC
391551	TCTCTTTCCT	AAAAATCTCT	AGATATCAAA	GCATTCATTT	CATCAGGGAC
391601	GATGAAGTCA	TCTTAACTTA	CTCAAAGCTG	ATCTTCCTAA	TTGATCAAGA
391651	CATTCTTTTC	TTCTCTACTT	ACTAGAAGAG	TCATTAGAAT	CCTTCTCCTG
391701	CCCTTACCAC	CAACTTCCCG	AGACTGGCTT	GGGAAGGTCT	TCTTCAGCCT
391751	GCAAAAATTA	CTTGTAAGGG	TTGGGCTTTG	ATGGTCCTCT	
391801	TCTTGTGTAG	TGTACCATAT	CTTGTCGGTC	CATACATGCA	GGCCCTGTTT

391851	CCCGAAATGG	ACTGTGAGTT	CTGTTTATGC	TTTGATTTTC	TTGTTTGTGT
391901	GTGTGTGTGT	GTATGTGTGT	GTGTGTGTGT	GTGTGTGTGT	TTTCTTAAAT
391951	GACTGGACTC	TGCTCCCAGA	GTGGAGGCAG	ACATGGTTTG	CAGGTGTCCT
392001	CAGGTCAGAG	AGGAGATGCT	ATAGGCTGGG	GTTGTGCTGG	AAGGAGAGCG
392051	AGGCACGGAG	GTGAAGCAAG	GTCCAGGGAG	CAAGGCAAGG	TCATGAGTAC
392101	ACAAGCAGAG	CCCAGGATGG	AGAAGTGTGG	GAAGGCATTG	GGATACAGGC
392151	TGCAAGTTGG	AACAGGGCAG	ACTGTTCAGA	GCCGTCGTGG	TTGAGGAAAT
392201	GCTCCTGGGA	ACTGTCAGGC	TTGCTTCTGT	GCAGGATCAG	CCATTAAAAC
392251	AGAACTATGT	GTGTAATCGG	CATTAATGCA	TAGAGAGGCA	AAAGCATAAA
392301	TCAAAGAAAG	GCTGCCTAAT	CCCGTGTTGA	AATATCACAT	TAACAAGAAA
392351		TTCCTCAGTC	TCCTACAACC	AGTTTTATAT	TAAAAATACC
	TTTCTATGGC			TCTCTTGAGG	CATCTTTAAT
392401	AGCTTGGCAA	CTTTCCCTTA	AACTATGGGG		
392451	GTCGTACTTA	AGCCAGTGTG	GAAAGGACCG	CCTTTGCTAC	ACATACTGGT
392501	AAGACAGCCT	GGCTTACAAA	TGTAGCACAT	GGAAACACAC	AGATACCACT
392551	TGGGGACTTG	TGCAGATTAG	ATCCACAGGA	AACCTTGCTT	TTTTCCCCCT
392601	CCGCCCCCAC	CGAGTCTGAG	GGACAAGCCT	TCTTGCCACA	GCTGCACAAA
392651	ATTAACATCC	GGCTCCTGCC	AAGAAAGCAG	GTGACAAGCT	CAATGGGTCT
392701	CCTTGGGTTC	GATTTTTGCC	ATGGCAGGAA	CGTGGACATT	CTGACTAGGC
392751	ATTTGTCTGT	GGAGCTAGAA	GGATGGTAAA	TGGGCAAGGA	GGGGAGGGGA
392801	GTCGGGAAGC	AGAAAGCAGC	ACGTGGGAGC	AAAAAAAAGA	AAAAGAAAAA
392851	AAAAAAAAACA	CCAAGACAAA	ACCAAAACAA	AATCCAGGTG	ATAGGAGCAA
392901	GGGCAGCTTG	CATTCGCCCA	AGCGCATGGA	AACAAGCTGA	CTCACGAAAA
392951	CCAGGGAAAG	AGCGGAGAAT	TTGTGCATGC	ATGGTGTGAA	TCCTCTAAGG
393001	AAGAAGGCAA	ACCACCAATT	CCAATTAACC	TTGTGCGTTA	TAAGCAAATC
393051	TGAGTATTTT	GATCAGGAGC	TTCTGAAATT	GATCTGTATT	GCCCCATGCC
393101	CTGATAACTG	GTAAACTGCA	TCAGAAGTGA	GACACCTGGG	GGTTAGGGGC
393151	AGAAAGCCCC	TTCCTTTATG	GGGTACAACT	GCACTCATGT	GGTTTCCCTG
393201	TTGGGAGCTG	TGGGTATTCT	AGACTGGGCC	GAAGGGATCT	TTACCACCCA
393251	CGCTGCCACC	CAGCGTGCCT	GTTTTCAGGG	CTTTACACGA	AGAGGGATAT
393301	TCATAGTTCT	TTGTATTCGA	GAATAGACAA	TCTTACTGGC	TTGCAGAATT
393351	TCAAGTGCTA	GGGTGGCCAA	CTGCTGCTTG	TTAATTGTTC	AGGCTGGGAG
393401	TGGGCATCTG	TTGGGTTTTA	GAAATTCAGG	CTGGGTGCCA	CATTCCATTA
393451	CTAATAGTGC	CCAGTTTCTG	GTTCTGTGAG	GCATGAGACT	CATCCCTCTC
393501	CTTGAAGACA	ATCTAATATT	AACCTCACCA	GGTCCCCTCC	TTTTCCTCAG
393551	ACAAAGAGTA	GGTCTGAGAA	TCACAGCACC	CATGAGTTCC	TCCCCTGTGT
393601	TTCGGGTCCT	GCTTATTTGC	ATTCTGATTT	TGATTTTTGG	TTTTCTGAGA
393651	CAGGGACTCT	ATGCACCCAA	GGTTGGCCTA	GAACTCAGTA	TGTATCCAGG
393701	CTGGCCTCCA	ACTCAGATTT	TTTCCTGCCT	CAGCCTCCGA	ACGCCAGGAT
393751	GACAGAAGTA	CACGGTCACA	CCGGGTGCAT	GTTTAGTACT	GACCAAAAGG
393801	GCAAAGATAC	TGAACACCAG	GAAATGCATC	TCACCCACCA	TGGTGTCCCA
393851	GCAAATAAAG	TTGGGTGTTT	TTACAATACC	GAGATCCTTA	AGGTCGCTTG
	GGGTCAGGCT	GGGTTTTCCA	GTCATCTGCG	TGTTTGACCT	CTTGAGTTTA
393901				GGTCTTTCAA	
393951	TTTTCTTAGC	TTTCCTACGT	ACTTTCAAAT CTACCCGTGA	CCAAAGCACT	
394001	CGTTGCCAGG	AGTGTGCTTG	TCTCTTTGAT	AGATATTCAA	AATAAACGGT
394051	CAGATTCATA				ATGTTGGTTT
394101	GACTATTGTG	AGCCCAGTAG	GTTGGGTTCA	CAATACATGA	
394151	ATAAAACTCT		CCAAGGCTCA	TTACTTAACA	CCATATCTTG
394201	TCGTCCTCAT		CTTGAAGTCC	ATCTTATGAT	TAATTTGTTG
394251	TTCATTTTAA		AAATAGCCCC	TATGTATAAT	
394301	TGCATTATCT			TATAATTCAC	TCTGTCAAGT
394351	CTAAAAACGG			GTTGTTTTTG	
394401	ATATATGTGT			GAACAAAGGT	
394451	GAAGAACAAA			GTAATGGGGT	
394501	GTCACGTGCA			CTCCCTTACA	
394551	TATGTGATAC				
394601	GCGTGTCCTC			TTTAGCTACC	
394651	GCTTCCCCAC	CTCCAGAACT		ACACTCTGAT	
394701	CACCTAGCCT	CTAGGGTATT		TAATTTATTT	TAATTTATGT
394751	CTATGTGTGT	GCCTGCTTGT	CTGTATGTGT	ACCACATGTG	TTCTGGTACC
394801	TGTGTAAGCC	AGAAGAGGGT	GTTAGAACTC	TCTGGAACTG	
394851	TGGTTATGAG	CCACCTAGAA	GGGGTCCTGG	GAACTGAGCC	CAGGTCCTCT
394901			CACTCTTAAC	TGCTGGGCCA	TCTCAGCAGC
		_			

394951	CTCCAACAGG	TGGACTAAAA	ACCAGAGATG	CAGGGAAAGG	CATGTGGACT
395001	CAGGAAGGAA	CAAAGGTAAC	TGAACCTATG	GGGCTTTAGC	TAAGTAATAG
395051	GCCATGTTCT	GTTTCCTACA	AATTAATTAA	TTCAGTCTTA	ACAGTTTGAC
395101	TAGGTATATG		AAGTAACACC	CATAATTAAT	GAAACAGATG
395151	GCTTACACTT		AAGCGGGGTT	ATTAAAGTTT	TATTTGAACT
395201	GACACATCCA	TGCCATCAAA	GCAACAATTA	AAAGCACGTG	TGAGCAAAGA
395251	CTGCTCTGAT	GGTTTCCCTT	TGATGAAATA	AATATCTAAA	ATGAAGCCTT
395301	GTCTTGTACC	CAGAAATTCA	TCTGAAATTT	TGTGTCAACT	CCTAAAACTT
395351	GAAAAATGCT	GCTGCCTTTG	TGCTTTGCCT	CATAATTAAA	AAAAAAAAA
395401	ACCCAAAACT	ATAAGATAGA	AGCAAAAAGA	AAATTGTCTA	CTTCCTTATT
395451	TTTATTCCTA	GTTGTGTAAG	CTGAAAACAT	AGTGCGATTC	TCTGAATATA
395501	TTATATGGAA	TGTTGGAGTG	ATGTTTTATA	GCTTGAAAAA	GGGTCAGTGA
395551	GCACATTCAC	AAAGGCATCC	AGTAGCCATG	GTTGGTCACA	ACCTTCACTT
395601	TGTTTTAATT	TTGCAAAGAA	ATGTGAAGAT	TTAAAAAAAT	TGTTTATGTG
395651	GTGTGTGTGT	ATGTATAAGT	GCGTGTACCT	GCAGAGACCA	AAAGAGGGTG
395701	GTGGCCATCC	CAAGACTGGA	GTTAGAGGTG	GTTATGTGCT	TGGAACAGAA
395751	CTTCGGTCCT	TTGCAAGAAC	AGTGCCTGCT	CTTAACCACT	GAGATATCTC
395801	ACCAGTTCTC	AGACAGAGCA	TTTTTAAAAA	GCACATTTAA	TTATAAAAAA
395851	TTAAAAACGT	ACAGACTGTT	CTCAGACTCA	TGAACCTTCT	GCCTCTATCT
395901	CTTCCACAAA	CCCTACTGGC	ATACTGGCAT	ATTTCATCAC	AGTCAGAAAA
395951	AAAAAAAAAA	AAACCCTTAA	AGGAGATCCC	GCTGATAACC	TAGAGGATTA
396001	TTTCTTGAAT	TATTTCCTCA	TTCTTCTCCC	TCCATCATAT	CTCAAAGCCG
396051	ACACCCCTCC	AAGACCGTTT	TTCCTCTATG	GACTGTGCTC	AGCTACCCGC
	CAAATTCTTG	GATGCCCACA	AACCCTTTTA	AATCTTCTTC	ATATTCCCCC
396101 396151	ACCCCATTTT	TTCATCATTT	TAAGTTTCTT	TCAAGAAATC	TCTGGCACAT
	TTCTCATTCT	AGACAGCTAG	CTGTAGTCAG	TGGGACCATG	ACATGACTAT
396201 396251	CAAATTAAGT	AGAGATAATG	TCGATAAACT	TTGAAGTTTT	CATGGCGGTT
396301	ACGTGTTGGA	AAAAGAGGCA	AATTAGTTAT	TGATATACAA	ATTCTACTTG
	GAATCTTTAT	TTGAAAAAGA	TGTATGAAGG	CCATTTTTAT	TGATAAAAAC
396351 396401	AGGCTGCTTT	TGAAGATTCA	CCATCACATT	AGCATAAGAA	AAGCTCTGAG
396451	AAGTGATTGA	GAAACAAAGA	ATTTTATTTC	TTTCATTCCA	TCTAATATTT
396501	TTCCCAAATG	GATCTCAGAA	TGAATTCTTT	TGATCATCTC	CTATCCTCTC
396551	ACATACAAAA	GCACCCACGA	AACACAATTT	GAGCAATAAA	ATGGCTTTAA
396601	ATAGTAAAAG	ACATAACAAA	AGTAATTAGA	GGCTATCATA	TACACAAGTG
396651	TGGATGGATG	GTTTCCTGGG	GACAGTAGTC	GTCTGAATGA	GGTCTGCATT
396701	TTCCATATGT	CATGTAGAGT	ATTATCATTT	CCTACCTTGC	CTTATGGGCC
396751	ACTGTCAACA	TGTATGGTTC	ACATTTAAAG	AGGCTACATC	CAACTGCTTT
396801	GGATAGCACT	TCTCCTTGGA	TGGGTTTTCC	TAAGGTGTTT	TGTGTTGCTA
396851	TCTCCCAGGT	GTCTTGACTT	GCTTTAAACA	TTAGCCAGTG	CCCTGAACTA
396901	ATACGGCCAT	TAACTTATTC	ACTGTTCTGT	AAGAACATGG	CCCATGATGA
396951	AAAGGGTGTG	ACTGGCGTAA	ATGGACTTGT	CCTTAGCTAT	TGTATGTGAG
397001	CAAGCACTCA		TGGTTTGAAT	ATGCTTGGTC	CAAGGAGTGG
397051	CACTATTAGG	AGGTGTGGCC	TTGTTAGAGT	AGGTGTGGCC	TTGTTGAAGG
397101	AAGTGTGCCA	CTGTTGGGGT	TGGTTTTGAG	ACCTTCCTCC	TAGCTTCCTG
397151	GAAGTCAGTC	TTCTCCTGTT	TGCCTTTGGA	ACAAGATGTA	GAACTCTCAG
397201	CTCCTCCCAC	AACATGCCTA	CCTGGACACT	GCCATGTTTT	CTGCCATGAT
397251	GATAATGGAC	TGAACCTCTG	AAAATATAAA		TGAAATTAAT
397301	TGATGCTTGA		TCCTCACAGC	AATGGAAACC	CTAACTAAGA
397351	CATGTGGTAA		GACTCTGAAA		GAGCTATATA
397401	TGCTCATGTA		TCTCACAGGG	ATTCATGGTT	AGGAGGCAAC
397451	AAAGAATGAA		AGTTCAAGGT		
397501	TTTGGGAATT	TTCCAGAAGG	TTCCTCACCA	ACAGAAAGAT	AGCATAAAAA
397551	AAGATTTTAG		AAACAGATTA	TTGGCATCTA	ATTTACTTTG
397601	AACTATTGGT	ATTTGGATCG	ATACTGGATG		
397651	TTGAGTTTGG		CCTCTTGGCC		
397701	AAAGTTTGAA		TGTCCAAAAT		
397751	ATTTCTACCT		AACTTATAGG		
397801	AAAAAATAAA		CTATGTTATA	TCCAAAGGTG	GTAACCATTA
397851	TCCATTAAAC	ATTTCCAATT	CTCTATCTGA		GATTGCGTGC
397901	TCCTCCCACT		TGAAGACATG	TGACCAGCTT	TGGCTACGGA
397951	AGTATGAAAG	GAAAAACCAC	ATGGCTTCCA	GGCAAAAATC	
398001	ATACATAATT	ATCCATAGAG	TGAGCAAAAA	. ATTAAAAATT	ACTCTTTCAT

398051	ATCATCTAGG	GTTGGGAGTG	CTTGTTACTA	CAGTTTTCGC	TAACTTATTC
398101	TGATTGGTTT	ACCACAACAG	AACATTAATA	GTCCATGAAC	AGCATACGGT
398151	AGAAAGTTTA	GACAAAAAGA	AAAGATACAA	ATGGCATATT	AAACGTGCAT
398201	TTCAAAATAT	TGTTCAGTCA	TTGGCAAATA	TATGTGAAAT	TATGTTATTG
398251	GGGGTATACT	GAGCCTTAAG	AACCTTAAAA	CTGGAGGAAA	ATACTTTAAA
398301	AAAGAATATT	TAGTATGGGT	ATTGTGATAG	TTTGTATATG	CTTGGCCCAG
398351	GGAGTGGCAC	TATTAGTAAG	TGTGGCCTTG	TTGGAGTAGG	TGTGTCACTC
398401	TGGGCGTGAA	CTTTGAGAAC	CTTGTCCTAG	CTGCCTGGAA	GCCAATATTC
398451	TGCTAGCAGC	CTTCAGATGA	AGATGTAGAA	CTCTTAGCTT	CTCCCACACC
398501	ATGTCTGCCT	GGATGCTGCC	ATGTTCCTGC	CTTGATGATA	CTGGACTGAA
398551	CCTCTGAACC	TATAAGCCAG	CCCCAATTAA	ATGATGTCCA	CTATAAGAGT
398601	TGCCTTGGTC	ATGGTGTCTG	TTCATAGCAG	TAATGCCCTA	ACTAAGACAA
398651	GTATATTGAT	AGATGGATGG	CTATGTGAAA	TGTGACATAT	TTATTCCACA
398701	GAATATTGCT	CAGTCTTAAG	AATAAGGGAC	ACATTGACAT	ATGTTGCAGC
398751	ATATGAAGAT	ATTTTGCTAT	GTGAAATAAG	TCAGTCGCAA	AAATGTAAAT
398801	ACCATGTAGT	GGAGTTAACT	TAGAATAGTC	AAAATTGTAG	AGACAGAAGA
398851	CAGACCTGTG	GATGTCAGAA	CCTGGGAGAG	AGGGAACGTG	GAGTGTTTAC
398901	TGGGTATAAA	ACTCCAGCTT	CACAAGATCA	TAGGGTATTA	TGGAGACATC
398951	CTGCACATGT	GCTCAGAGCT	GACCACTCAG	CAGACTGTAT	GTGTGTCTGA
399001	GACCATAAAA		AAGAGGTGAT	GAGTTTGAGA	GGGATGGGGA
399051	TATGGGAGGA	ACTGAGGGGG	CAAATGAGGC	AGATACCATG	ATCATATATG
399101	GAGTATATGA	TTGTGAAGGC	GTGGAGATGA	ACACTGGCCA	CAGCTGCTCA
399151	GTATATGATA	CTGTATACCA	TACAGGAACT	ACCACTGTTC	CATTCAAATA
399201	GGTAAGATGG	TAAACTTTAT	GTTATGTGCG	TTTTGCTGAG	ATTTAAAAAA
399251	ATAGGGGAAT	GTTTTTGTGG	GAAGAGACCA	AATACTCTAT	TTTTCCCTTT
399301	TTGGGGTAAT	CATGCCCTTT	CTGGGCTTGA	AGAGTACCTC	AAATCTCTCC
399351	TTTGAGAAAT	GAAGAAAGCA	AGTGATTCCT	GGTGTCTAGA	TGATATTCTC
399401	CTTGTCCCCA	AGAGGTCACC	TGATGGCCAG	ACAGGAGCCG	TCATCGTGCA
399451	ACCTCTGCCC	CTAAGTAGAG	CTGTGCTCTA	GAAGTTGCAG	GGCTTATGTT
399501	GCAGTTTGGC	GAGATACCAC	ATCCGTTCTC	CTCCTCCTCG	TGGAAACAAA
399551	AGCTCTGCTC	AGAGCAAAGA	TAAACCTTCA	CTAAAGCATA	GAGAGATGGT
399601	AAACAGCCTG	ATGAAACCCT	GCAGCCACCT	TGCAAAAAAT	CATGGTGTCT
399651	TCTTTCAAAA	CATGAGCACC	CAGAATTTGG	CCAGTGAGGT	GTGGCTCACT
399701	GGTAGGTGCT	TGCCTTGCAT	GCAGGAGACC	CTGGATGTGA	TCCACGGCGC
399751	AAGTCAGTAA	AGAAGTACAT	GAACAAATCC	CATATTCCCC	GAGGAAATGC
399801	CACATTCAAC	ATCCAGCTTC	CTGTGTGTGT	GTCCTCATCT	CTCATGACAA
399851	GATGGCACCT	GTGATCTCTC	TCCTGCTGTC	CTTGAAGATA	AAGAAGGTGA
399901	CAGGGAAGGA	AAGCTTCACC	ACAGGGAGCT	CCTCTCTGAG	ACTACAATCT
399951	TCCCAACAGG	GTAGGAGGGA	GCACAATTAT	CTGCAAAGGC	TGCAATTAGT
400001	AGTGTCAGAT	GTAACCTTTG	TTCCGCCGTG	AGAGTCCAAG	GCACCTGCGT
400051	CATCCCCTAA	GATCTACTGC	TCTGTCTATG	CATGACGAAG	GTTTTGTCCC
400101	TCTGTGTGGG	AGCCTGTGCT	TACTACATCA	CATGCCTGTG	TTCCCAAAGG
400151	ACCCATCTCA	TTCCAAGACA	GTGATGCCTT	GACACAGAAG	GAGACAAAGG
400201	TGTGTGACTT	CCCTTTTGAG	CTGCCTCTCA	AATTTCCTGC	CAGATTCCAA
400251	TGAGACCACC	ACGTCTGGAG	TACATGAGAC	AAATGTGGCG	GGGGGGGGG
400301	AATCCACTTT	TAACTTTTTT	ACTGTGGAGT	AAAACCTTCA	AAATAGTTCA
400351	AAATAGTGGA	AAACCTTCAC	CTGCATACCA	TGCTGTGACA	GGAGTACAGT
400401	GAGACATTCA	TGTACACACA	GTCAGGTGCA	TGTAAGTGTG	CCAGTTTGAC
400451	TGGGAAATCT	TCATACAAGA	CAGCATCCAT	CTCTGCAGGA	TAGAGCATTT
400501	GTGTGTCGGC	CGGGGTGGGT	ATGCAGAAGT	GGAATCCACA	TTTTAGCAAT
400551	GCTTTTTTCT	TTTTTCCTCC	TGCTTCACAG	TCAACTGCCA	TTTTTAAAAG
400601	CATCTGTTCT	GCAAGCCAAA	GAGGGGGAAG	GGGACATATA	CCACTCACTT
400651	GTAAGTGCTC	AGAGAAGGAG	CTCTGGAGAA	ACGCTGCCCA	CTTAACTCCT
400701	CTTAGCTCTG	TGAATGATTA	CAGGGTTTGG	GCTATTTCTG	
400751	CTTGTCTTTG	AAAAAAGGGA	AGTCGTTAAG	CAGAGTGGGC	AATTGTACAT
400801	TTGTACATTT	AGTAATTCGC	CTTGAGTCAG	AAAGTCTAGA	CACTCCCCTG
400851	GGGATATGAA	ACAGCATGGT	GTGTGTTTCT		
400901	GTAACCCAAA	AGGCATTGAG	CAACCAGATC	TCAAAGTAAG	TGGGCTCCAG
400951	AGCTCCTGGT	TAGGACATGG	GAGGCATAGA	GAAAGTGCAC	
401001	GCTGGACACA	GCCAGTCCTG	CCCTGAGCAG		
401051	GATCAGGCAG	GGCTCAGTCC	CATTCAAATG	CCATTGATTT	CCTATCACAA
401101	CAACCTGAGA	ATTTGACCTG	GGCCTCTGTC	CTTTCTGCTG	AGCAGCACAA

401151	TTCAAAGAGC	ACGTATTTAT	TGGGTGCTGC	CAGGTGCGGG	GGACAGTAAC
401201	ACCTGATTCT	CTTGCGCTTC	ATGGTAGCAC	TGTGAGCAGA	ATGGAGAGCA
401251	CTGGTAGGTT	TTAGGGATCC	TGTGCCTCCG	TTGCTTTTTG	TTTTGTTTTG
401301	TTTTTATTTT	GCTGTCTTTT	ACCATTTGCC	GTTTCAAGGT	GCATCACAGA
401351	ATTAACAAGG	ACGTGTATGC	ATCACGTCAG	AGTATACACT	TTCACTTCTT
401401	TCGCAATGGC	ACATAAATTA	GTGGTACTAG	ATTCAGTGAG	GAAACTGAGG
401451	CAGAGATGTG	GAAACTGAGG	TTTGGGGGGA	TGAAATGATT	CACTCAACCA
401501	GGATGTGTTG	GAGCTAGAAC	TGGAATTGAT	GCAATTTCTG	GAATGGAGTG
401551	TCTTGAAAGG	ATTTGGACTG	CCTGGGTTTG	ATAGTGAAAC	TTACTGTTTT
401601	GCATAATTAC	TAGATGGCAG	CTGAAAAGGA	AGGGGAGGG	GGACTTACTG
401651	GGTTTGCAGT	CCAGTTTGTT	CAAGTGCTAG	CTAGTCTTGT	GACTTCAGGC
401701	AAGCCTTAAC	CTTCCCTTGT	GTCTTTATTA	ATGGTGACAA	CAATAACAGT
401751	AACTAATCCA	CGGGATTATA	ATGGGAGCTA	AATAAGGTAG	CACACGACCT
401801	TGGGCTCATG	TCTGACATGT	CTGGAAATTC	TCCACTAAAA	TTTAGCTGTG
401851	ATTAGCTTTC	ACGTGTTTTG	AAGAAAGGCA	ACTAGAAAAA	AGTGCAACTA
401901	AAGAGTGTGT	TCAACAACAA	CATCTCCTTG	GCCCTAAAAT	TATCTTCATT
401951	CCAGGAGAGG	TACCTTAGGT	GGATTTTGGG	GAAATTATTT	TTTTTGTTTG
402001	TTTGTTTGTT	TTTTGTTTT	GGTCTGTTTC	TTCAAAACCA	AGATATCAAA
402051	TAAGATGAAA	TGGGAGAAAA	TTCTGAGAGG	AAGTAGCTAT	CCAAGGTAAG
402101	GAAGGGACCA	GGACAAGAGA	AAGGATGCCC	AGGAGCAGTG	AAATCTGGGC
402151	CAGCCTTGGG	CAACAGGGTT	TATTTGGAGG	AGGTGGGAAT	AGCAAGGGGG
402201	TTGTGCTAAG	GCTGGCCAGA	GATGACAATT	GTGACCCCAG	AAAACAGTGG
402251	CAGAACTGGG	GACTGGAACC	ATGACATAGT	TTTCAGTCTC	TAGTCCCTGA
402301	TTCCTTCAGA	AACCATGGGA	TGAATCGGGT	ATGTCACAAC	TGGCATTTGT
402351	GAGATGCAAA	GAGAGAGACA	AGCAGGTGAG	CACAGGAGAA	GGGGTACGAG GAACAGGAGG
402401	GGTCCCCAGA	GCCTGTGTCT	AGGAGAGACA	AGATGCTCAT	AACATCATTT
402451	GGTATGTAAG	GCAGTGCCCA	GAGCCGATGT	AATAAGTACA CAACAGGGGT	CATGGATCAT
402501	CATGGATTTT	GTCTTCTGGT GACCTTCTTT	TGGGGCGTAG CTATGGCTTT	TGCAGTGGAA	GTTTGAAAAC
402551	GAAGCAAGGT	AGGTGAGGAT	GAGAGTCAGT	AGGTCCTGGC	TGAAAATGAC
402601	AAATGCATTG	CATTTAAAGT	GACACGTTTC	ATATTAACAA	GTGTGTTCAT
402651 402701	GCAGAGGATA TGGCTCACTG	CTCTGACAGA	GTGCACAAGC	AAGCTTGGGA	AGGAAGGGTA
402751	TCCTTTGCTT	CTGGTTTGAG	GGCACCCAGT	CTGCTAGTGT	GGCAGGAGTG
402751	TGAGGCAGTT	AATCTGTGGT	ATCTACATTC	AGACAGTAAA	GAGAGATGCA
402851	GGCTGCAGCC	TCATTTGCTT	TCTCCCCTTT	CTCTATTGTG	TTCCATCTAG
402901	GACTCAGGTT	CATTGCTTCA	CCACATCTGC	CAGGCCTCAC	AGGAAACACC
402951	CTCACAGACA	GGTGCAGAGG	TGTGTCTCCT	GAGCCATTCT	AAATCTAGCC
403001	AAACTGACCA	TGAAGATTCA	CTGCCATAAC	AAAGCGAAGA	CCCCCATGTC
403051	TACTTACTGT	AGGCTCTCAG	ACATACCTTT	ATGCAGACTC	AAGACGTGTT
403101	TCTGCTGCTC	TGTGTCTTCT	GGCCTTCCCT	AAACATGTAC	CCTCAACCTC
403151	ACCCTAAGAC	AGAACCCTTT	CCTTTGTTCA	GCCACTTTGC	CCCACAATGC
403201	CTGTCCCTTC	TTCCCACATC	CCCTCCTTAT	GCCAGGCCTT	AGGCCTGACC
403251	TTCCCCAGGA	TAAGAGCAAG	CTGGCAGCTC	CACCCAGGAG	GACAGGCTGT
403301	GTCATTGAAA	TACAAATGAC	AAAGAGTAAG	TCAGGCAAGT	CACACTCTGG
403351	GATGCTCATA	TCCACACAAT	GCAACCTGGG	ACCTGACCAA	
403401	TTCACACTTA	GACCAAGAGT	CAGGTGGAGG	AGAGGATCCA	
403451	CCCCATGTTT	GCTTCTGCAT	AAAGAACCAG		
403501	GTTTTGAGGG	TATTGACCAC	TTGAGGGTGA	ACCCTAGAGC	
403551	ATGGATAGAA	ACCCTTAGCC	ACAGAGGTAA		
403601	CACACTGCAG				
403651	GGAAGCAGGA		TCTGCCATCA		
403701	CCCCACAGGC				
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403801	CACAGTGCCA				
403851	CAGTAGACAC				
403901	TCCACACACT				
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404001	TCTACTGTAA				
404051	TACTGGTATA				
404101	ATCAATCCAT				
404151	CATGGAAGA			TAATGATTGG CCCCTCTCA	
404201	TACACACAA	A AGAATGAAA1	INGGATATTA	a CCCCICICAL	TALCIAIGAAG

404251	CAATCAGAAG	AAAACACAGA	GGGGATGTTA	TAAGTCATTA	GTATGGGAAA
404301	AAGAACTTCA	AAGCACAGGC	AATTGCAGTG	AGAATATACA	AATGGATTGA
404351	CTCCAGCGAA	GTTTCTGCCC	AATGAACAGA	AGCATAAAGC	AGAATGAAGA
404401	GATAACAAGT	GGAACAGGAG	AAAATATCAG	CAAACCATCA	CCCAACAAAG
404451	GACCAATATT	CAGTGTTGCC	GTCTGAGAGT	CACTCCGCAA	ACCACAGGAA
404501	CACCAATCTC	AGAAAGGGAT	GGTTTATTGA	ATGCACATCC	TAATGCTGAT
404551	CAGGGACATA	GCTCGGATTA	TTGGAGCTAT	GGCTACCAAT	AATTTTCTAA
404601	GGGAAGAACT	TATTGGAGGA	AAACCACCAT	TAACTTCATT	TGCAGGGGTG
404651	GTTGGGGGGT	CAGCTTCTAA	TTCAAAGATA	TTTTAGACAT	AGCACTTCAT
404701	ACTGACCTTT	AACGTAAAGG	GTCCTATGTA	AAGCTTTGTC	GAATTCCTCA
404751	AGATTAGCAA	ACCTGAGAAC	ATACAGAACA	TAACAGAGGA	TGTGGTCAGC
404801	ATGACCCTGC	TCCGAGTCAG	GTTACTCTTC	TGTGTCAGTG	ACTAGGAGGC
404851	ACTGTACAGC	AACAATATGA	AATTGCCGGC	AGGCATGGGA	CAAAGCGGCT
404901	ACAACTATGC	TGGTAGGGGT	TTGGGGGGCA	GACCTCAACA	TTCAGAATAT
404951	ATAATCATAT	GATTTAAACA	CTGGGCAAGT	GATATCAATA	TCATTTGCAT
405001	TTAAAAATGA	GACCTAAAAT	GCGCAAGAAG	AATATGAAAG	AGAAAAATA
405051	CTCATCACTA	GACAACAGGG	AATTGCAAAT	CAAGGCCACT	GTGATGTACT
405101	AATTTCACCC	TAATTAGAAC	TTCTATTCTC	GAAAAGTCAA	GAACAGAAAA
405151	TAACAAATAC	TGGTAGAGGT	ATCGAGAATG	GGCAGGTGGT	ATGTGCTGTT
405201	TGTGGGAACA	TCAATTAGTA	CACTCACTAT	GGCAAACCGT	GTGGAGGGTC
405251	TCCCTAAAAC	TAAAAAGAGC	CTACTGTGTG	ACCCAGCAGT	CCCATTATTT
405251	GTCATGTATC	CAAAGGAAAT	GAAGTAAGTA	TATCTAAGAA	ATCCTGGGGC
405351	TCCCAAGTCA	ACTGTAACAC	TATCCATACC	AGCCAAGACA	TGGAAGTTTC
	CAAGGCATAT	CTATCCGCAT	ATGAGAAAAT	AGGGAAAATG	TGCTAAATGT
405401	TTTAGTTAGG	GTTTTACTGC	TGTGTACAGA	TACCATGACC	AAGGCAACTC
405451	TCTTAAGGAC	AGCATTTAAT	TGGGGCTGGC	TTACAGGTTC	AGAGGTTCAG
405501 405551	TCCATTATCA	AGGCAGGGGC	ATAGCAGAAT	CTAGGCAGGT	ATACGGTATG
405551	GGAGCCGAGA	GTTGTACATC	TTTATATGAA	GGCCTCTAGA	AGACTGGCTT
405651	TCAGGCAGCT	AGGACAATGG	TCTTAAAGCC	TACCCCCACA	GTGGCACACT
405701	TCCTCCCACA		TCCAAATACT	GCCACTCCTG	AGCCAAGCAT
405751	ATTCAAACCA	CCACAGCAAG	TATACACTAT	ATGTTCATGC	ACTATTAAAA
405801	CTGAATATTT	CTGCTTGCGG	TAATGTGGAT	AAAATCAGAG	GACATCATGG
405851	TAGGTGTAAG	ACGACAACAC	TGAGTGTTCT	ACATCACTGG	CAGTAGTTGA
405901	GAAAAAAATG	GCTACATGTA	AAATGAGAGG	GAAATACTTG	CTATTAGAGA
405951	CAAAGAAGAC	AGAGGGGAGA	TGGGAGGAGT	TAGGTTGGAT	GTACCAGCAC
406001	AGAGCTAGAG	GGGAAGTGTC	CAATCTGACG	CACAGCAGGA	TAATGATAAC
406051	CTAGACAGTA	TGTTTCAAAG	TAACTAGAAG	TGTTTGAAGA	
406101	ATAAATATCC	TGATTTGGTT	ATTATAAACT	GCACAATGCA	ACACATTTTA
406151	CACTCTACAA	ATATGTATTA	TAAAATAGCA	TGCATCCACC	TAAATATGCT
406201	TCAATAAAAG	AGTCTGGCTA	GCGTGGATTC	CAAATGAAGA	TCTAGCTTTC
406251	AGATTGAGAG	GGGGTAAAGG	AGCCAAGAAG	GGGAGATCTG	ACCCCCTTTC
406301	TATTTGAAGT	GACCAGTGAG	AAGTGTTACG	TCTGGATCAA	ATTAGCACTG
406351	TTTCGACAAG	TTTACATGCA	CGCGGTTTAC	AGCAGGACAT	
406401	ACCTGCATTA	ATCTGAGATG	CCTCTTCTCT	GGAAACATCA	AATAGGGCCA
406451	AGACTATTTG	GACCAAGTGA	CTCTGAGAAA	GATACTCGGC	ATGGTACCAG
406501	CCATCAGCTG	TTGGCTGCAC	TTGTCAAGAT		
406551	TAAATCACTT	TCAGTGTCGA	TGTAAAAAGC		CCAACCAACC
406601	AAACATGCAA		AAGCACCTGG		TAAATAGTAT
406651	GTGGATGCTC	CCAGAAGAAA	GAGAAATCAA		
406701	TGGAAGTCAG		AAATGTCGAA	TGATGGGCTG	GGATCAAGAC
406751	TGGATGTGAT		TATAAGCCCC	AACCTTGAGG	CTCAAACGGG
406801	ATAAAGAGTT		CTGAGCTGCA	CTGTGAGACT	TGTCTCCAAA
406851	AGTCAAAAAC	ACCAAACCAA	GCCATCAGCA	GATTTGAAAT	AATTCATTAA
406901	AATTCTCTCA				
406951	ACGAAGACTT	CACCCACAGA	ATTCTCTAGA	GTCTGGGATT	TTAACTCTAT
407001	GATTAAGTAT		TGAGGTTGTG	ACTTGATGGG	TTCAATCCGA
407051	AGCCCTGTAA		CACATACCAA	AGGGAAGGG	GAGAAAAGAA
407101	AGGAAGAAAA	CATGAGCATG	GGGTATGGGT	CTAAGAGGCT	AAGAAAAGAG
407151	GATATTAGGG		TGGCTCATTG	GTTATGGACA	CTGACTGCTC
407201	TTCCAGAGGT		ATTCCCAGCA		GGCTCACAAC
407251	CATCTGTAAT	GGGGTCCGAT	GCCCTCTTCT	GGTGTGTCTG	AAGACAGCGA
407301	CAGTGTACTC			TTTAAAAAAA	AAAAAGAGGT

407351	TATCAGATTT	GAAGTTACCC	TGGGCTGCAT	ATGCAACCAA	ACCATGTCCT
407401	TGAAAAATAA	AATAAAATAA	AGTTAAGCAG	GCCTGGCATG	GGGGTTCATG
407451	CCTAGCAATA		GGCAGGAAAA	TCAAAAGTTC	CAGGTTACCC
407501	TCAGCTCTCT		AAGCCAGTCT	AAGCTACATG	AGACTCCAGC
407551	TAATAAAACG	CTGTTAAGAA	CATAACCTTG	TTCTTTAAGG	AAAATGGGTT
407601	TTGACATGAA	CATTAAATTT	TTTCTGCACT	TATATGAACC	TAACTACCAA
407651	GTGAATTTAG	ACATAAAAGT	TGTACTTCTT	AAATATTACT	AGGAAACCAG
407701	GAAGAGCTCA	GCAGGAGGTA	GAAAGAAAAA	TCAGCCTGGG	GTCTAGCCAG
407751	CCTCAGCCTA	AGGCTCTGTC	CCCTAGAGAG	GAGCCGGGAG	GAGGCTTGGT
407801	TCCTATGCAG	CCATTTCTCA	AAAGCATCTA	GAAATCCTCC	TTTGTGAGCC
407851	CCTTCAGGGC	TTATAACACT	GGGGGGAGCC	TGTGTGGAGG	GTGGGCAGCT
407901	TCCCTGCTTT	ATGAAGAGGC	CGCTGTGGTC	AGATGAGACT	TTTGGAAAGC
407951	ACACTTGAGG	GTTTGAAGGC	AGCAGCTGGT	CTTTCTCCTC	TCGTGCGTAA
408001	GCAAGTCCCT	ACAGGAGTGA	TTCTATCAGT	TCATTAAGGC	TCAGAGGAAA
408051	CGGTGATGGG	GAACAAGCAT	GGAATCTTAA	TGGCGTGCAG	CTATGGTTGG
408101	AGCTAATAAA	GATGACGCTG	CCTTTTCCAA	GTTTGGCTTT	TACGTTGAGC
408151	ACGATAAAAA	GGAGACGAGG	GGATCAACTC	GGTGTCCTCT	AATGGAGCTC GAGTTTGAAG
408201	AATTCTGGGG	CAGTCCAGGA	TTTCTGGGGA	GAAGAATCAG	CCACCCTCAG
408251	GGTCTCCCAA	TAGTTGTTCT	CTTTTGTGAC	TGATTCCTCT	GAAAGAAAAG
408301	GATTGAAGAA	TGGCCAGCTA	ACAGTAGGGA	AGGGTCATGG	CAAGACGGGG
408351	AAAAGCCCAG	ACCTTCCTTT	ATTCACATAA	GTCACAGGTA AACCACCTGT	
408401	GGGGGGGCAG	AAATAGAGAC	AAGAAAATAA TGTAGTGGTA	TATCTCTTTA	AAATTTGCTA ATCCTCTCAT
408451	CCAAAACCTA	TCCCAGCCAG	GATGAGTTAG	AAGCCAGGCC	TGGTCTTCAT
408501	CATGGAAGCA AGGTAGTTCC	GGTGGATCAT AAGACAGCCA	AGACTACATA	GTGAGACCCT	GTTTCAAAGA
408551	AAAAAGAATA	GAAAAAGAAA	CATCTCTAAT	ATATTAATAT	ATGCTGGTAT
408601 408651	ATCGTTTTCA	AAATGCTTAT	AAATTAATTG	CATAAATATA	ATTTTCATAT
408031	GCACATATAA	GTAGTCATGC	AGTCATAAAA	TATATTTTCC	TTCCAAATAG
408751	TATATTATAG	ATTCTTTAGT	TTTGTTTCCT	CTTAATAATG	CATGAATGTC
408801	ACACATCCAT	AAGCGTACTC	TATCATTGTA	AATAGCTACT	TGCTGGTATT
408851	TTCGTGGTGG	GTTATAATAT	ATTAGCCAAA	GTCTAATTTT	AGACCTTTAC
408901	ATTTCAACAG	GTTCTTGTGA	TCTTTTGAGC	AAAGCTGAGA	TATCCCTGCT
408951	TAGGCTTGAG	GTTTTAATCT	TCTCTCCCAA	TGTCTCCTTC	CCGACAGTGA
409001	AGAGCGCTCT	GTTGCTTGTT	TCTTGCTGTG	ATCTGAGCTT	TATTTTTTCT
409051	AGAGGCGAAG	CCTTTAGTCA	GGAAGGTAGA	GCTTCCTAAT	TGGGATTAGA
409101	AGCTTTATAA	AACAGATCTC	AAAACTTTTA	CTCTCCCTCT	ACACCCTGAG
409151	AAAACACAGA	TAAAAGCAGA	CAGGAGAGGC	AGAAAAGATA	GTTGCCTGCC
409201	CACAAACAAG	TGTATAGATC	CTTATCTAAG	TAGTCTCTAT	GTAACCTTAA
409251	CCTTGGACTT	CCTGGTCTTC	AGAATCGTAA		TCTTTTGTTT
409301	ATAAGTTAGT	CAGTGTGTGC	TGTTCTGTTA	TGGTATCTAA	GATGCTCCTG
409351	ATACCAACTG	AGCGTGTTCA	TTGCAGAAAG	CTGATATATT	AAGTGGGGAG
409401	GGGAAGTTAG	TCCCGTGAAA	AAGTAAGTGA		ATGTATGTAA
409451	CTATGGATTG	TATATAGATA	AGCATGATAA	CATATGTGTA	TTCTATATAT
409501	GTGCATGCAC	ACATGTGATG	TACAAGGACA		GTTTTAAGCA
409551	GAGTAGATGT		AGGAAAATAA		CATGAGAATG
409601	GGAGGGTTTC	TGAAGGGAAA	ATATCCCCGA		TTTAAAGATG
409651	CCGGTGATAT	ATAATTCTCG	GTGTTTTCAC	AATATATGGC	AGACACCCCT
409701	CCAGGTCAAC	TAGTATAGGT	TATTAATTTT		
409751	ATCCTAAGGA		TCATCCAGGT	ATTCTTTAT	
409801	GGTTTCCCAT		TTATTAATAC ACTTGCACAC	TGAAATACTA TAGGGGTTGT	
409851	GATCATCCTT		GAACTCTGCA		
409901	AGTTTATGGT		AATCCCTTTT		
409951	AATTTTTAAC GATGAGAGCG		GAATCCCATC	CCTGATAGCA	
410001 410051	TTACATTTT		CTGAGATGGG		
410031	TTTCCATCTC		AGGGGAACCT		
410101	TTTTCTGGCA		CCTATCTCCA		
410131	TGACTATTCT		AATTGTAAAA		
410251	ATATGAACTT		TTTGAATTTA		
410301	TTGCCTTGGG				
410351	AGAATTTTAT				
410401		AACATGTCTT			

410451	GGCACTTGCC	ACAAAACTTC	AAGACCTGTG	TTCAGTCCCC	AGATCCCCCA
410501	AATTATCCTC	TGATTTCCAC	ATACATGCTA	TAGCATATAC	ATGTATTGTG
410551	CATGTTCACA	CTCATACCAC	CTCCTCCATA	TGTGAATAAA	TGAATATAAA
410601	TAAATAACAA	AAACATGAAC	CCAACAGCAC	CAGAAAAGAA	CAAGTGGTTA
410651	GCTCTTACCA		TCTGCTTGGG	TTTTTGTTTT	TTGTTTTTT
410701	TGTTTTTTT		GGTGTTTGTT	TTTGTTTTTG	GCTCCAGCTG
410751	AATCCAAAAT	GGCTGGTTCT	GGAGCTAAGA	AGGACTTTAG	GTAGGCCAAG
410801	CCAAGACAGT	TAGATTCTCA	CATACAGAGC	ACTGGCTGGT	AGTTGCTTGT
410851	GGACCTTATT		GGCCTCTAGC	TAGGGCATTT	ATGCAGTTGT
410901	GGAGATTTGC	ACAATGCTAG	TGAATATAAT	GTGGCCCCTC	TATAGTATGT
410951	CTCACGAGCT	CCTTGGCCTA	ATCTCAAGGG	CATGCAGTTC	TTTATTCTCT
411001	CAGGGCTCAG	AACTCCACAG	CTGCCCAAGC	ATTTGGTGAT	GCCAGTAGAC
411051	CGTACTTCTG	TGAAAAATCA	TCACTTTGCC	TTTTCTCAAC	TCTACTTGAG
411101	CATGTTGGGG	GCTTGATTAA	GCTGACAACC	AGCCAGACTT	CTGAGTTTCA
411151	AGGATAAAAC	ATATTTAGGT	ACAACTGTGA	CTTCAAGGTC	ACCACAGCTT
411201	CTCATGCAAT	GGGGTTACGA	TTGATGCGGT	TATTCTGAAA	ACTCCTTGGA
411251	TCTTAACTGT	GGACGAGAAG	GTATCGTCGT	AACAAACGTC	TAGATTTCTA
411301	GACACATGTC	TAGTCTGTGC	ACAAGCTCAG	TAGAGGGCAT	GACTCACCAC
411351	CTCAACCTTC	CTCTACAAAT	ACCGTTTCCT	CAACACCTAG	CTATAAATAC
411401	AATGCTCCAT	TTTTTCCCTA	AAATAATTAA	TTTTACTTTC	AAGTTTCAAT
411451	CCACCAGGAA	TTTATTTTTG	AAGCTAACAC	TAACTTTATA	TCCTATCTTC
	AGGAGACCAA	TTTTATTCTT	CTCCATAGGG	GACGAAAGGA	TGCATCTGAC
411501 411551	TTGCACTCTT	AGTCAATAGT	CCATCATAGG	AGGAAGTCAG	AGTATGAATT
		ACTGGAGGCT	GAATCCACAG	AGAAATGTTG	CTTTTCGGCT
411601	CAAACAGCAC CATTCACCGG	CTTGTGCTCA	GCTAGCTTTC	TTATGCTACC	CAAGACTATC
411651	TGCCTAGGGA		CCATAGTGGA	AAGGACCCTC	CCATATCAAT
411701	TGAGGCAGTC	AAAACAGCCT	TCCACAGTAC	TAGAACATCT	ATCAACTGAA
411751 411801	ACTTCTCAGA	CCAGTCCAGG	CTATGTCAAG	TTGACAAAGC	TAACAGGGAC
411851	AAAGGGTTTT	AAAGCTTTTT	TTTTTTTTT	AACACAAAAT	GCAACCTTTG
411901	TAAATGATTT	CTTGGTGGTT	CATACTATGT	AATGTTTTTA	TCACTCTCCT
411951	TTGAGACTAG	ATAACACTTT	GAATATTTAG	CACTATTAAA	TGTTTTGGGG
412001	ATGATGCTAT	GCTTGTGTGT	TTTTGAGTCT	GTCTCAGTGT	ATACATGATT
412051	TAAGAAATTG	CAGTAGAGAT	TACAAGATAA	ATGATTAACC	ATTTTCACAA
412101	GTTTTCATTT	TGCATAATAT	GTAAAGATTA	TCACTTAATT	ACATGTTTCA
412151	TCTGGTTATT	AGAAATGTAG	ATGAATAAAT	GTAGATGATT	AATAAAAAAG
412201	AAATCAAAAC	TTATGCAATA	ATGGATATTA	CTTTTTAAGA	ACTTAATGTA
412251	GGTTTGTCCA	GCTCATAATT	TTGCCCCACA	GGTCTCATTT	TCATATATTT
412301	CTGATTTTTA	TCAATACTGT	ATTTTAGATG	TTTTCTTTAT	TTCCATGTAT
412351	AGTAAATTTT	GTTCATGTAG	AAAAAGCTAA	TGAATTTATC	TCTTTACTAC
412401	CCAGCTTTAT	CAAATTCTCT	TTTTAAACTT	TTTTGTTTTC	TGCTAGAGTT
412451	TATTTTTGAT	GTCAAGCATA	AAATTATATT	ACCAACAAAA	CATATTTCAC
412501	CTCTTTCTCC	CACATTCGTA	CTGTCCATAT	TATACAACAT	ATGCACTGTG
412551	AATGCAATCA	TTTCCTAGCA	TATACAAACA	ACATTAAATG	ATAATGCCAA
412601	TACTATAGGT	TCCTATCTTA	TTCTTTATTT	TAGCATGAAC	TGTTATGTTT
412651	AGAGACAGGG	TCTCATGTAA	CTCAGGCTGA	CCTCTAACAT	ACTAGTTAGC
412701	CAAAGATGAT	CTTGAATTTT	TTGATCCTTC	TGCCTCCACT	TCCTGAGTGC
412751	TGGGACTTCA		TACACCTGCT	CTGTGTGGTA	CTGAGTATTG
412801	AACCCAGGGC	CTCATGAATG	CTAAGCAGGT	ACTTTACCAA	CCAAGCTACA
412851	TTCCAGTTCC	AAAATTTCAT	TTTTAATAGA		
412901	GCTGTAGGTT		CTCATTTTGT	TTTCTCATTC	TAGGATCCAG
412951	GCCAAGTTCA		GGCGGTTGCC	ATTTTTATAA	TAGAGAAAGT
413001	TGCCACAGCC	ATTTCATTTA	GCTCTAAAGA		TATTCCTCTT
413051	GTGTTTATTG				CCTCATGGTG
413101	GTATGATGTC	AAGGCTGTGG	AGAATTATAA		
413151	TAAGTAACAA		AGACTCTACC	ACAGCTCACC	ATTTATGGTT
413201	CTATTTGCTG		CATGACCTTC	ATGGATGGCC	
413251	GCTGTGTACA		GCCTACGGCA		GTTTTAAGTA
413301	GGTGTTGGAC		GCGGTGCCAT	CCACGGACAA	
413351	TTTTTGTTTG		TTTTTGGTTT	TTTTGCTTT	` AGTTTGTTGA
413401	TGCAATACAA		CATAATCAAC		TTCCCAGAAT
413451	AACTGTACTG		ACTAATCCCC	CAATAATCCA	
413501	CTTCATAAAI	CATAGAATTA	TAGTCCTTTC	CCTCATCGGC	GTAATTAGCT

413551	GATAATCATC	TCTAATGTGA	ATTTTGGTTT	TTTTTTAAAT	TTTTTAATTT
413601	CACAAATTAA	AATAATTTAT	CGGTGTTAAT	TTGTTGAAAT	ATTTTCCGCA
413651	CAAACTTAGC	TCTTCTACAT	TGTTGGATTC	TAATGCTTGT	TTTCTTCTCT
413701	CTCTCTCTCT	CTCTCTCTCT	CTAAAAGACA	GAATTTTATT	AGCAAGCCCA
413751	GGCTTGCCTC	AAACTTACGA	TCTTCCCAGT	TTTTCTGTGC	TAATAAATA
413801	TACGTCATCT	AATAAAGTTG	TCTACATGTG	TGTGTATGGG	GGGATGATAT
413851	ATGTATGTAT	TCATGCAAAT	GTGTGCTTAT	GTGCATGTAA	GTGCATGTGA
413901	GTGTGCGAGT	GTGCACACGT	GTATTTGGAG	GGTAGAGGTC	AACATTCTGC
413951	ATCTTCCTTG	ACCACGCTAA	CTTATTTGTT	GGGACGGTCT	CTCATTAAGC
414001	CCGAAGCCCA	CCAAGTCGAC	GATGTGAGCT	GCCTAGTGAG	CTCCAGGGAT
414051	CTATCTCCTC	TGCTTCCCCA	GAGCTGGGAT	TACAGATGCA	AACGTCCCAT
414101	CTGGCTTTTC	ACATGGGAGC	TGGAATCCTA	ACTCAGGTCC	TCATAGCTAC
414151	ACATCTGAGC	CATGTCCCCT	AAGCCTTTTG	CTTCCAAAAT	AAAATTCATA
414201	TGAGAATCCT	TTGTTTAGCG	TTAGCTTTCA	AATGCATGCA	AAGCCTTCCT
414251	TTATCATTAT	CTTTTATATT	TTGTGTGTGT	GATCATATTT	CTTAATTCAT
414301	TCCAACCTTG	TAATTTTTTC	CATAAGCATG	TGACTGATTT	ATAAATCTGT
414351	ATCACTGATC	AAGAGGTAAC	TTTTAGCCTA	AAGTCAGTCT	GTGAATGTGA
414401	GGCTCTCAAT	ATGAGTCCCT	GAACTGGTGT	CAAAGCACCA	GACATGGGGG
414451	CTGATCCCTA	TAGTACCAGT	GTTGACAAAA	TGGAGACAGG	TGGATTCCTG
414501	GGGCTCACTG	ACCACTCAGT	GCTCTATAGG	CTAGCTAGAT	ACCCTGACTC
414551	TAAAAAAAGT	GAACAGTGTC	TACGACACTA	CAACTGAGGC	TGTCCTTTGG
414601	CATCTACACA	CACACACACA	CACACACACA	CACACACACA	CACGAACACA
414651	CACACGTGTA	CACACACGAA	CACACACACG	TGTACACACA	CACACAGACT
414701	ATTCTCAGAT	CTTCAGAGGC	TGAGGCAGGA	GGATCACAAA	CTTGAATTCG
414751	ACCTGGGTCA	TATCACAATT	TAATGCTTTA	AAAAAGGAAA	GAAGGTAGCT
414801	TTTAAATAAA	TATTCTTTTT	ACTATTTTAT	TTTCTGATAC	ATTGTTTTTA
414851	GCTTATTTAT	AAATTTTACT	TCTAATTTAT	CTTCTTGTAA	TTTCTCAAGT
414901	AAACTACTGG	TCTTTTGCAG	TTTTTAATCA	TAAATAGTGG	AGCTACCTAT
414951	AATTAAATTT	ATCTTAGGCA	GTCTTTTATT	TCTTACAATA	TAGACTCACT
415001	CTTTTTCTTT	CTAGACTGTA	GCATAAATTT	TACCATAGCC	CCACCTGAAT
415051	TATCTCCACA	CACACTCAGA	TACACTCATG	TACCCTTTTG	GTAGTTCATC
415101	TCACCCCCTC	CCGTGATTTA	AACTAATGGT	TTCCAGAGTT	CCCAGAAGCT
415151	GCAAGCTCAA	ATTCACACAT	TCCCTCATGC	ATACAACTAG	TTCCATAGGC
415201	TTAGCCTTGC	CAACATTTCT	CTAAATCAAC	GATAAGCATC	CTTTTCCTGG
415251	TTATTTGTAG	CATGGTCACA	CAGTGTAGGC	TGTTAGGATT	TATCTTTCTT
415301	CTCTGCCTCG	CCCTTCACAG	CCATTCTGTT	CAAACACCAA	ATCTTGTTTT
415351	ATATTAACAG	TAAAAGTTTA	CGGTCCTCTT	GTCTACTCTC	TGCCGTTGTT
415401	GCCTTGGCTT	TAACACTCAG	CATCTGTAGC	AGATTATTTC	AAAGATACAA
415451	GGCTTTCCTT	CCATTTCCCT	TCTCCCTATC	CTATTCTGTT	GCAAACTTAC
415501	CCCCACCCC	AAACGTCAAT	GTTCTAGCTA	AGATGCAAAT	TTCACTGTAT
415551	AAAAGTATTC	TTTTTAGGAT	TCTCACCTTT	TCCAAAATAA	
415601	GTCTGCACAC	CCTTCCCCTC	CCCTCCAGAA	GGGAAAGCAG	GGATAGCAGG
415651	AACAGCATTT		TAATGAACTC	GTTTATCAAT	GTGCCTTTAT
415701	CCTCACAAAG		AGAAAAGCTT	TAACTAACAA	
415751	GTGAGCTAGG		GGGTTTATCT	TTCTTTTATT	
415801	TAAAAGACAT		TAGCTGTTCA	TATAACTATC	
415851	TGGTTAACAT			TTGTAATGAG	
415901	TATATTGTAA		AATATCCATA	TGTAATAACT	
415951	GTCATAATAA			ACAGTCTTAC	
416001	ATGGTACTAG		CCAACAAAAA		
416051	ACGTGGGAGG			GCCTCTAGGG	
416101	AGAAAAGAGT			TTTTATTGGA	
416151	ATGCACAAAG			CTCTGAGTCC	
416201	GGCTGTAAAC			CGCATTTAGC	
416251	TGTGCCTGAT				
416301	TGATTTTCCA			TGGCTTTTAT	
416351	ATTTTATCAT				
416401	CAGTGAGCTC				
416451	TCTCTGAATC				
416501	AGTCACCTG				
416551	AGTGGATGGA				
416601	ATGGGTCCAT	· AATAGATAGO	CAAGACATCT	TTACTGTCTT	CAGTTCATAG

416651	ATGAGACCAA	GGTTACCCCA	AGTCCTGCTA	TTGGTTATTG	GTGGATCTTG
416701	GATTGAGCAC	CAGGTCCTAC	TTCCGAATTT	TACACATCTC	AACAATATCG
416751	CAGTTTCTCA	TGTACTCTGA	CAGGATTTCA	GACAGGCGTG	GTCAAGGGTC
416801	ATTTTCTAAC	ACCAGTTGTT	TTCCTTGAAA	TCACACCGGA	AATGTTCTCA
416851	GGCATTGCGC	AGAGTTACTT	ACGACGTTCT	GAACATGACT	TGTCTTGTAA
416901	ACCAGTTTCC	TTTTTTTTT	TTTTTTTAAA	TGGAAACTTA	GGGACCACGC
416951	TAGTCTGTCT	TTGAAGTACA	TTGCACAGAA	AGCAGCCACA	TACAGTCTCT
417001	GACCTTCCCG	AATCCCCAGT	TGGGAATCCC	TGCCAAGTTT	CATCATTGAG
417051	CTTTGAAAGT	GGGTTTTAGA	CACAGTCTTC	TTGACCTTCG	GCCACTCCAC
417101	TTTGCCTAAT	GAATATCTTG	TAACTGGGGA	AAGACAGTTA	AACCTCCTCT
417151	AATATATCAA	AGACAAGAAA	TGAAATAACT	ACCCCAGGAG	AAGGTTCATT
417201	TCCACAGCGA	TTTCTAAGGG	AATAAAATAT	GCATACGAGA	TGCTGTGCCT
417251	TATGGTTCTT	TCATCCTTCC	TTTAATAATT	GAGAGTCAGT	GGGGGCAAGA
417301	GTCCAATTCT	TCACTGGTGC	AAAAAGAATT	TAAACCTTTT	ATTAGTGACT
417351	GTGATGTTTG	GGTCCGCTAA	AAAGGAAAGG	CGATTTCAAA	TGATCAGTCG
417401	GGGGAGTGTC	TGTAAGCTGT	AGACAGCGTT	AATGGCGCTA	ATTCTACCCC
417451	ACTGGAATTC	ACTCTTCCCC	TGACAATAAG	TTTCACTTCC	ACCTGCTGCA
417501	GATCATTTTC	TATAGAAATA	AAGCCATGGG	CAACTTACCA	GTAAAGGGTA
417551	TAAAACAAGA	TCTGAAAAAC	ATGTAGATGA	GAGAAGAAAT	ATGTATTTGA
417601	AATAATATAT	ATCTCAAATA	TACATTTGAA	ATAATACATC	TCAAATATAC
417651	ATTTGAAATA	ATTATATCTC	AAATATATAT	TTGAAATAAT	ACATTTTTTT
417701	TCCTTTGGAA	GCAACATAAC	CTTAACTAAA	TTGGGTAAAA	AAGGTGTGCA
417751	TTTGTCCTCA	GAGGCTGGAT	AGCCAAGAAG	ACTCTTGTCA	CTCTGAGAAA
417801	CACTAGACAA	AAAAAAAGT	CCATATTGGT	CCCAGCATCA	CTGATGGTTT
417851	CAATGATGCC	CTCATCTTTC	TTTCCAGCCC	AGGCAGCGAG	TGTTCCTGTG
417901	TTGGAAGTAT	GTTAATCTTG	GCGAAATAAA	TAACGTAATA	AAACCTTCAG
417951	CTTGGAACAG	GACCCAGGCA	TCTCCTTGTA	CAATTATCCA	AGTGCTTCCG
418001	AGAGACTTGG	CTTTCTACAG	GGGCATGAAT	TCAAAGGTGA	GAAAAAGGGT
418051	AAAGCACACA	ATTGTAATAA	GTAAAAAGAG	TATATAACAT	AATTTAGATG
418101	TAATAGTACA	TAGATGACCC	CTGTCTTACA	GTTTTTCAAC	CTGAGATGTT
418151	TGACTCTGTA	ATGGTGCAGA	GTGGCACACA	TTCAGTAGGA	ACCATATTCA
418201	AACTTTGAAT	CTTGATTTCC	CTCTCCCTCC	AGGGTTGGTG	ATATGCATGA
418251	TAGAACACTA	TCTTGGGATG	CTTCGTCACA	GATTCATCAT	CTATACAATC
418301	GGAAGAATAG	ACCCACATTT	TGCCATACAC	TACATTGCTG	GGTTATGATG
418351	GGTATTTTAA	ATGCATCTCC	AACTTCAGGT	ATTTCCACAT	TGCAGTGGGT
418401	TTATCAGACT	ATAGCCCCAT	GGTAAGTCGG	AGTGTATCTG	TACATAGGCT
418451	TAATCCTGAG	ACCCTCTCTA	TTTTATGAAC	CTAAGATGAA	ATATGATGGA
418501	CAGAAGCAAA	CCCAGCAATG	TTCTTCATAC	TTAGTTTCTG	CAATATCTGT
418551	TGCTATGGAA	ACGTGAAAGC	CTCAGCAGAT	TTCCTGGAAG	TTAAGGGTCT
418601	GCCTGCAGAC	TTCTTTCCAG	ATGCCAGCTT	GCTTGCTTGT	TAAATAAAAC
418651	TTGGCATTTA	TCACACAGAA	GAGTTTATCT	CAACCCATAC	TAGGATACCT
418701	ACCCAGGGTG	TCGAGCGCAG	TGCTCACATG	AGCGAGGTAT	TTAGAGAGTA
418751	TGAGAGAGTC	GTCTATTAGG	TGCCTTGGGG	CTTTTAGATT	CAAAGAACCT
418801	GTCAACTTTG	ATGGTTTTTC	TCTTCCTTCA		
418851	AGAAATCTAA	AATGGGATCA	GCTGTTAGTG		AGGAACTCAC
418901	TTTGTCAATG		CCTGTGTTAA		
418951	TACAAGTGAG	AAAAATCACA	TTTTGCTGTA		
419001	TAAGAGTAAT		CAATTAGACA		
419051	TGACTAATTA		ACTTAAATGA		
419101	CATGTTCTTG		CCGAACCCTC		
419151	TTAGAAAGAA		AAAGATCACA		
419201	TCACCTCTGG				
419251	AGGGTGCATT		TGTTGATGCC		
419301	ACTCACATCT				
419351	GTCGCCGCCA				
419401	AGTGTTCCAG				
419451	CCAGCCACGG				
419501	GAGATACAGG				
419551	AGGATGCCCT				
419601	GAGTACAGCA				
419651	TCTGATGGCC				
419701	AAAATCATGC	TGATGGGTTT	TACCTTCAAA	GATTATGCTA	AAAGAAGTAC

419751	CATACCCCTG	TGATCTTCTG	CTCCCAAATC	TGCACAGCAG	AAGCACCTAA
419801	AATGCACCAG	ACAAACCCAA	GTAGTGGAGC	ATCCCAAGAT	TCACCTGACT
419851	GGTGTACTCC	TCGCCTCTCT	AGGTTATCAG	AGACAGGCAC	AGTGTGAGCA
419901	TCTGTCACAC	GTAAGAGGAC	CCAAAGGAGA	CAGGAGAGCT	AACTGTGACA
419951	TAGGATCCTA	GATGTGACCT	CAGGTTAGAA	AGGGGCCACC	GCAGAAAAAC
420001	TAAGACAATC	TGAGTAAACT	CTGGGCTGTA	TCACCCGTCT	GTTCATAGTA
420051	ACAAGTATTC	CACAAGGTGT	TAACTACAGG	GGAAACAGTA	GGCTGTGGAG
420101	CTGTCTCTGC	CAAGTCTGTA	CAGTCAGCCG	ATGGATATTT	TATTTCAGTC
420151	CAAAAGTTCT	GTTAAAAAA	AAAAAAGCAA	AAAAAAAAA	CCCCAAAACA
420201	ACAACAACAA	CAACAACAAC	AACAAAAACC	CTCCTTTTTG	TGTTTAGAGC
	TGGTTTTGAG	CATTTCAAAA	CCCTGAGCTG	CCCTTGGCAG	ATTCTGTTTA
420251				GATTTGACTA	TGGGAAGAGA
420301	TCCTCGGCAT	CGGGGGATTT	ATGGGTCTTG		
420351	CTCCTTAAAG	CCCATGATAC	AGAATATTTT	ATAATGCCGC	TGGGGATGTG CATACAATTA
420401	AACAAGGCTA	ACCCTCTAGC	AAGACTGGAT	AGCAAGATTC	
420451	CAGTGTACTT	TGGGAACTCT	TGTATCAAAC	CTTTGTAGAA	GCTGGATGCT
420501	GGAGCTAATC	AACTGGACTG	TGCTGCCAGC	AGCCAGGCAG	ACGGGTGGAG
420551	GGTCCTCTTC	CGTGAGACAT	GGGTGAAGCC	GATGACAGTC	AGGCACCCAT
420601	TGTGTCTCCT	CAGCAGTTCC	TTGAAACATC	AAACACTTGT	CACAACATCA
420651	ATGTGAGTGG	CATCCTTTCT	GCTTAGACAC	CATGGTGAAA	CCAGAGCAAG
420701	TCTATGTTGT	TGCTGTTGTT	CCCACACATG	GTAGTCCCTG	GCTATCTTTA
420751	AGATTTATGT	TTCAAAGTCC	CTGGTTGGAT	GAGAAAAGCT	GCAGTTAGTA
420801	GCGGATACTA	TCTACCAGTA	GTGGGCATTA	TATTGGCAAA	GTATTGTGAA
420851	CTGTTTAGGT	TTGTTGAAAG	TAGACTATGG	AAGCAAGGGG	CCCTTCCTTT
420901	GTTTCCTCCT	CTCTCTCCCT	GCCCTGTCCT	GAGTCAGGCT	GGCCCCTGGC
420951	TTTGTGACAG	AGAGAGAGAG	AAAAAAAAA	AAAACAATGT	GCATATAAGA
421001	ATATTGAAAA	CATTGCACCC	TTGAGAACAG	CTAGAAGAGA	AACTATTACC
421051	AAGAGACAGA	GACATTTCTG	TTGTTTATCC	CATGGCATAA	ACACAGCAGT
421101	GGTGGGAACG	GATGCCAGAT	GGTCATTCAC	CAAGGAAAAA	CTCAATCAGC
421151	AACCCTAGCT	GACCATTGCA	ATGTCTCTAG	TTGATTTCTG	CTTACGTGTT
421201	GATAAGCCTT	GATTTGACGA	CCTTACCTTG	GTTTGTCTCT	ATCAGGACTG
421251	TTCCAGTCTT	CTGTGCTGGC	ATCTGTAGAC	TTCTGATGTG	ATGATAGTTT
421301	GCTATCTCTT	GCTGTTTACA	CCCATCACTT	GGTATTTGTC	CTTTGATTTG
421351	AAATATACTT	AATAAATTCC	TTCATTCGAC	ATATCATGGG	CCATTCTCCA
421401	CACTGTACAG	GACAATATTT	GTACCACTGT	TTCTTCTACA	CGTCCTGCTG
421451	TGTTGCCAAA	TAACACCAAA	AAAATATGTC	TTTCAATGGT	CTACCTTCTG
421501	GTGCCTCTGT	TTATCCCAAA	GATGGGTGGA	GAAAGACCAC	AGACCCAAAT
421551	CATCATGGCC	AATTAATTAA	AGCAAGCTCT	TTGATTTGGG	TACACAGGCT
421601	ACCTCCCCCT	AAGGTGGGCC	TCAAGAGGTC	GGCACTGGAT	TCAAGGAAGA
421651	CAAGGCTTTT	ATGGCTCACA	CCTGGGATTA	AAACAAAACA	CATTCATATA
421701	ACACTTCTGT	GTTTTTAAAG	AAACCAAAAT	TCTCACTACG	TGTGCTTATA
421751	ATCCAGAATT	GGAAGGCAGA	AGTTGAACAA	TTCCAGGGAT	TGAGTGGCCT
421801	GCCAATCTAG	CCAACTGGTG	ACCTCTAGGT	ACAGTCTCTA	AAACAAACAA
421851	AGTGGAGAAA	GATAAAGGAA		ATTGACTTTG	AACACACATA
421901	CACACACACA	CAAATGAATA			TTCAGTAATT
421951	TTCATTTAAC	TTTTTTCAGA		GTTGGGATAA	
422001	GGGGAGCAAA	GCCACAGATA		TACTGTGATT	
422051	CCGTCTTCCA	TGCTTGAACA	TGCTGTGCTT	TGGATTGTGG	
	CGCCATAACT	GTATCACAGA		GCTCCCAGGC	TAAAACTTCC
422101 422151	AGGAACAATT	CCTGCTGCTG		TGCTGGTGCT	
422131	CTGCTGCTGC	TGCTGCTGCT		TTCCTCTTTC	
		TTCCTTTCTC			
422251	TCTCCTTTTT	TCCCCTCCCT			
422301	CTCTCCCTTC				
422351	CCTCCTCCTC	CCCCTCCCC			
422401	TTCTTCTCCT	TCTTCCTAGA			
422451	CTACTAACAA	TAAAAGGAAG			
422501	AGCAGCCACA				
422551	TTGGTCCCTG				
422601	GTCAGGGAGA				
422651	GATTCCCCCA				
422701	GTTCTAAAAT				
422751	AAGAACAACC				
422801	ACTCACCCCA	CACAGATAAT	' TTCCCAAGCC	CATCAGTTTC	AAGAATATGT

422851	CTTTTCCTGG	GGACAGGAGC	AGCATTTAAA	CAGAACAGAC	CCCTGACAGT
422901	CACCTGTTCT	CCAAAATCTG	GATAAGTTGC	CCTTTAGAGG	TGACATAGAG
422951	GCATCTCCCT	CTATGGAGTC	TGTCAGCATG	GTCTCATGAG	ATGCCACACT
423001	GAGCATTGAT	AACTAACCTG	TTGGAACAGG	GCCTGGAGCA	AGAAGTGCTT
423051	TAGTTCAACC	CCAACTTTCT	CGTCCGTGGC	TATTTACTGC	AGTCCTCACT
423101	CGTGATAAAC	ATCCTCAAAC	ACTTTTCTGG	CCCTATAGAT	TTTGTCTTAC
423151	ACTAAGTCCA	TAAAATTTAG	CAATTCTACC	CTTAAGCTCC	TTGGTAGTTC
423201	TCTGCAGTTC	TCAATCTTTC	TAATTTTTAA	AGGGGGCACC	ACCCACTTTT
423251	AACACGTCAT	TTGCACGGTT	AATACAGTCA	CAGAAGAAAA	TGGAGTTTCT
423301	ATCAATGGTC	AGTTATGGAT	GGAGGAAGGG	CTCATGGGCC	TCTAGCCCTT
423351	CCTGCTGAAC	TATTGACTGC	CATCAGATTC	TGGGAGTGAG	GGGGAAACCA
423401	TCACCTTCAG	TCCTGTACCC	AATGCTGAAT	CCACCGTGCA	TCAGTGGATA
423451	AGTACACACC	TGTGGTCGGT	CACGCAGATG	GCCCGGTCAA	ACTCAGTGGG
423501	TTGCAAACAA	AAAGACATGA	ATGTGGGAAA	GAGATAGGAA	AGAAGAGAGG
423551	CAGCTGGGAG	TGGGAAGGAG	ATAAGAGAGG	GTGGGGTGGA	GAAAACAATC
423601	AGAATGCATT	ATGGACATGT	AATAAAGTAT	GACATTGCCC	AAAAATAATT
423651	CTTTAAAAAG	AACATGGAGT	CTTACTTCCA	AAAAAACCTC	TTAAGCTAAG
423701	GACCAGCTGT	TCGTATTAAT	GTTGTTGGTT	TTTTTTTTTT	CTTTTTTTCT
423751	GATGAATTCT	CTGATTTATT	GTAAAATCCT	ATTTTCCCAG	GGTCACAAAT
423801	CTCTAGCGGC	TTCCACAACT	TGCAAATACG	CACTTGAGCC	TAAACCTCTG
423851	CTAAGGCTGG	CGATAGGATG	TGGTCTTCTG	CATTGCTGTG	GCCAAAGTGA
423901	TTGTAAAATT	CATAGGAGAG	ATCAAGCCCT	GGTTAAAGAC	AGCAGCGAAG
423951	GCTGCTCAGC	AGTGTGAGTG	CCTTTAATGC	TATTCTGATG	GGCGTTTGAA
424001	ACTGGCGACA	GTAAAACCTA	CAGGAGACAT	GCTTCTCTAT	AATCTTTAAC
424051	TATATGGAAC	CATGAAAATC	AGGAGCACTG	AGGGACAAGG	AGAGAGAGAG
424101	AGAGAGAGGG	AGAGAGAGAG	AGACAGACAG	AGAGACAGAG	AGACAGAGAC
424151	AGACACAGAG	ACAGACACAC	ACACACACAC	ACAGAGACAG	AGAGAGACAG
424201	AGAGAGAGAG	ACAGAGACAC	ATACACACAC	ACAGAGAGAG	AGAGAGAGAG
424251	AGAGAGCATG	TGTGCTTTTA	TAGATGCTAC	AGGGTGTGGC	TAAAAAAATT
424301	AAATAGCTAA	GAATTAAAGA	AGAGAGGAAT	TTCTAGAAAA	ATGGTTTTCC
424351	ATTTCAGATT	GTCTGACAGG	TTGTGGGCAT	TCATGAGAAC	AGATATGTCA
424401	TGACCTTGCT	GTCCATCCAA	AGAAATGGTA	TGTGTGTGTG	TGGGGGGGG
424451	GGGAGATTAT	CATAGAGCCT	CAACAGATAA	AATTTCATTA	TCAAAAAATA
424501	TGGAAATAAG	TGGCAAGTGT	ATTCATTTAT	TTAACAAACA	CCTACTGCAC
424551	GCCTGACATC	ATATTTCATG	ATACCTAATA	CAATATGCAG	TATTAAATCA
424601	GCTATCGATT	ACATGTGTAG	TTACCACGTA	ATATTTCATT	TTTATATATC
424651	TAAGATGTAT	GACTATTTAA	GGTTGCTAAG	ATCCCTAGTA	CCGTGAGTCC
424701	TGGATTGCTG	TAAATTTACT	TCATTTGCAT	GAAACTTTGA GCTCAGTGGT	CAGAAAGAAT
424751	GCATAGAGGA	TCACAAGGAC	TAGAGAGATG		TAAGATCACT CAGTTCACAG
424801	TTCTGCACTT	GCAAAAAAA	AAAAAAAGTT	TGGTCCCCAG TACCCTTTTC	TGGTCTCTAC
424851	CTGCCTATGA		GGGGATCTGG	ACAAACCCCA	AAGCCAAGAA
424901	ATGTACATAC	ACACCCCCCC	ACACACACAC GGAGGCTTGA		GCAGCTGTTG
424951	AGTGTGAGGA				AGCCCAAATG
425001	GGGTTTGAGC	ACACAATGAT	GGCCATGTGA CGCAACCCAA		CATCTTTCCT
425051	ACAAGATGCC	ACTGTCACAT			
425101	CTGCATGCAT	CCCTCCCCAC	CTCCCCATGG CATTTCCCAG		
425151	CTTCCTGACA		ACTAATGGGG		
425201	GTGTTAAAGG				
425251	CCACATTGTA		TCCATCTTTT		
425301	ATATTTAGTC				
425351	AGGGACTTGA AGGTCCTCAG				
425401					
425451	TCACTGTCAC CATTCTATTT				
425501	ACACCCAGCA				
425551 425601	ATTGACTTTA				
425651	AACTGTCCTC				
425701	TTCTCCTTAT				
425701	TGCTGGGGGT				
425751	GAAGCCAATT				
425851	TGTATTTGAA				
425901	GCTCCGTGGC			CTGAGGTCCC	
42JJUI	GCICCGIGGC	ultainacci	23CIOIOCMAC		

425951	AGTATATTAA				CCTGAGGTTG
426001	ACCTCTGACC		TGTACACATG	CATATATGTG	TACTTCCATG
426051	CAGAATATAT		ACACACACAC	ACACACCTCT	TTATAGGATA
426101	GAGATAGAAG		CCTAGATCCA	CAGCCTAAAG	TGTTACGCTG
426151	TGACTGTCAT		TCTGGATCCT	GCTGAGAAGA	AACAAGCCTG
426201	ACCCCTTTGA		ATTGGTTCTT	GTCTTAGTTA	GGGTTTTACT
426251	GCTGTGAACG		CCAAGGCAAG	GACAACATTT	AATTGGGGGT
426301	GACTTATAGG	TTCAAAGTTT	CAGTCCATTA	TCATCAAGGT	AGGAACATGG
426351	CAGCATCCAG	GCAGGCATGG	TGCAGGAGGA	ACTGAGAGTT	CTACATCTTC
426401	ATCTGAAAGC	TGCTAGCAAA	ATACTGTCTT	CTAGGCAACT	AGGATGAGGG
426451	TATTAAAGCC	CACATACACA	CGGTGACACA	CCTACTCCAA CATATACAAA	CAAGGCCACA CATCACAGTC
426501	CCTTCTAATA	CTGCCACTCC	CTGGGTCAAG GTCCTTGCCG	TATTAGGTTT	GACTCTTGGT
426551	CTTAAACCTA	TATTATGACA GTCTCCCTCT	GATACAGTCC	TAAGTCATGT	CCTCTAATCT
426601	TTTCTTCTCT CTCTTAGTGT	CAACTAAAGT	GGGAAAGATG	GAGGCATAAA	ACCATCCACC
426651	AAGAACTGGC	TCTCCTGTGT	GGTTCCTCTT	TCGGTGGGTC	ACATTCTACA
426701	AAACTTAATC	CTGTCTGTCT	AAATCAGTTA	ACCTCACCTT	AGTGTTGAAT
426751 426801	CTGCTATTAA	CCTTTCTGCT	GGGGATTTCA	TTTCTATTTG	TTTTTCTCAC
426851	TGGTGTCTTT	CCTAAACCTT	TCTAATCTTT	TTAGATGGTG	TCACACTACT
426901	TTCTTGGGCT	TTCAATTTAT	TATTGCTACA	TTGTATATAA	GATAACACCA
426951	TCATCTGAGA	TTCTTAGAGA	AAAAAAGCAT	ACCACTTGTT	GCTTCTAGTA
427001	ACTTGCCTAT	ACATATTTGC	CACTTGAGAC	CTTGAGCCCA	GATTCATATA
427051	TGTGGGTGCT	CGGAAGGTTT	CATTCAAAGT	TCGTTCCTTC	AGAGAGAATT
427101	TTTCCTCCTC	TCACGGTCAC	CTTGGAATCA	CTTTATATGT	TCTCATTGCT
427151	TTGGAATTTC	AAGGGCTATG	TAAATATTGG	TTCAGGCCGC	CATACCCACA
427201	GGTGTACACT	CATTATTTTT	AAGGGAACAC	TTTATTCACT	CAGAACCTTG
427251	GCTGTGACAC	ACATTTCCAT	TATGAAGCAT	GTGTTTTTCT	AGCCCGTGTT
427301	TTCACTGTTT	AAGATTTTTG	TCTTTATATT	TAAATTCTTT	TATTAAAATT
427351	TTTTTTCATG	TCCTACTTGG	TTGTACCCTA	TGTCTCTGGG	CTATCTAGTC
427401	TCTGGTTTCA	TGGGCTATCC	AGGCAGTGTA	GGACATGGGG	CTCCCTCTCA
427451	TGGGATATTC	CTCAAGTTAA	ACCAACCATT	GGTTGGCCAT	TCCCACATGT
427501	TCTGCGTCAC	CACTGCCCCG	GCATGTCTTG	CAGGCAGGTC	AGATTGTGGG
427551	TAGAGGGTTT	TGTGGCTGGG	TTGATGCTCA	GATTTCTCTT	TCCATAGCCT
427601	GCAGAGTACC	ACCCACACCA	AAGAGACTAG	AATGTGGGGG	TGAAGGCTCC
427651	AAGCCTGTAC	TGCATTAGGT	TGCTACATTG	CCCCCAGGT	GTCCCCCTAT
427701	TCCAGTTCTC	TCTCTCTCTG	TACTCCACTC	CCTCCCTCCA	TCCCTTTCCT
427751	CCACCTGACC	TCTCCTGCTC	CCATCCCCAA	CCACCCCCAG	TCTACCTAGA CTCTGCTAGA
427801	GAATCTCTTC	TATATCCCCT	TCCCAGGGAG	ATCCATACTT	GCGCAATTAT
427851	GCCGCCTCCT	TAGCTAACCT	CTCAGGGTCT	GTGGATCGTA	CCATACCATA
427901	CATCATTTAC	TTAACAGCTA	ATATCCATGT TTACCTCATT	ATAGGTGAAT CAGCATGCCT	TTTATCTAGT
427951	TTTGTCTTTC	TGGGTTTGGG TGCCTGTAAT	TTACCTCATT	CATTAAAAAA	AAAAGCCCAC
428001	TGAATCCATT TTAGTTACTC	CATTGTGTAA	ATGAATTACA	TTTTCTTTAT	
428051 428101	GTTGAAGGGC	ACCTAGGGCA	TTTCCAGTTT		
428151	CATAATGAGC	ATAGTTGAAC	AAGAGTCCTT		
428201	TTGGGTATAT		GCTATAGTTA		
428251	CTCAGTTTTC		CCATATTGAT		
428301	TTTCCACTCA		CCTTGCTCCA		
428351	GTCACTTGTG		TAGCCATTCT		
428401	TCAGGGTTGT		ATTTCCCTGA		TGTTGAATGT
428451	TTCTTTAACT		CATTTGAGAT		: AAAATTCTCT
428501	GTACCCCATT		TATTTAGTTT	TTAAATATCT	AGTTTCTTGA
428551	GTTCTTTCTT	TATTTTAGAT	ATTAGATTTC	TATCAGATGT	GGAGTTGGTA
428601	AACATCTTTT				
428651	CCTTTGCCTT	ACAGAAAAAT			
428701	GTTGGTGATA	CCATATGCAC	TCACTATTGG		
428751	CTCCCATGCC	AACGCATTCA			
428801	TTCAGTGTTT				
428851	CTTTGGGTGA	TAAATACGGA			
428901	TCCAGTTAGA				
428951	TGTATTTGT				
429001	TCGATCCCAT	GGATCGACCT	GCCCATTTT1	ATACCAACAC	CATGCAACTG

429051	TTACCACTAT	TGCTCTGAAG	TGCAGCTTGA	CATCATGATG	GTGAGTCCTC
429101	CGGCAGTTCT	TTTATTGCTC	AGCATTGTTC	TGGCTGTCCT	GGGTTTCTTG
429151	TTTTCTATAC	ACAGTTGATA	CTTGTTCTTT	CAAAGTCTGT	AAGGAGTTGT
429201	GTTGAATTTT		GAACTCGTGT	CCTCACGCTT	GCACAGATGG
429251	TCTGCCTTGC		AGTGGTTCTC	AAACCTGTGG	GTCACAACCC
429301	TTTTGGGGGC		TCCTTTCACA	GGATCACCTA	AGACCCTCAA
429351	AAACACACAT		CAGTTATAAA	GTAGCAATGA	AAATAATTTT
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429451	TTGAGACCCA		CCATCTCCCT	AGCCTGAGAA	TATGTTTATT
429501	ATATTTTATT		AAGTGTGTTC	TATTGGGAAG	GCTTTCAAAT
429551	TGCTACTGCA		TGGAGAATAA	TAATGCTATT	GGGAAGTACA
429601	GGAGGTTTTA		AAAGGTTTAT	AATCTCTTAC	CGCATTTATT
429651	TGGAAATACA	TTTAGGAAGA	CAGCAAAATC	TTTAGGGGCT	GGAGAAAAAG
429701	CTCAGCAGTT	AAGAGCAAAT	CCTGCTCTTA	CAGAGGATTT	GGTCCCCAGC GATCTGGGGG
429751	ACCTACATTG	GGTCCCCGCC	CCCAACTGCC	TGCCATTCTA AACTTCACTT	ACATGTCCAT
429801	ATCCACCACC	CTTTTTTAGC	CTTTAAGGAC	ATAATTTGAA	GTAAAAATAA
429851	ATCCCTACAT	AGACACACAC	ACGTAAACAT TTTCTTTAAA	TGTTCAATTC	TGCTCAGTCC
429901	AAAAATTTTAAAAA	ATAAGTAAAA	TAGATGTCAT	TGTTCTTGTT	CATCCAAGTT
429951	CAGATACTGC	ACAGTTATGA	CTATGTGAAT	ACAAAACTCA	ACAGAACAGG
430001	TTTGTGGTGG	AAACTCTGAA TGGTGAAACA	AGAACTGGAG	CAAGCAAACC	ACCCAAGACA
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430101	AATATCCTGC	ATCTGAGATA	TTTACATTAC	AATTCACAAC	AGTAGCAAAA
430131	ATGCAGTTAT	GAAGTAGCTA	TGGAACTAAT	TTTATGGTTG	GGGGTCACTG
430251	CCACACGAGG	AACCGAATCA	AAGGCTCACA	GCATTAGGAA	GGTTGCGAAC
430231	CATTGACCTA	AGGGGGGCTA	CATCTTTTGA	GAAAGTGGAG	GGGATTCTTT
430351	CAAACATCCC	TCAGACCAGG	AGATACTAAT	TTCCCAACTG	TGGTTGGTAG
430401	AGGGATCCCA	TTGACTTTAG	ATGTCTACCA	GGTAGACATG	TAGTCAGTAG
430451	AGTCTTTCAA	AGAACGGTTG	CCTGGCTTGT	AGTCTGAGAA	CCACATACAA
430501	AGCTTATTTG	GGAGAATGGA	GTTGGAATTT	TTCCCTTAGG	TTTTGATAGA
430551	GTTGTGTGAG	GTGGAGTCTG	GAAATCTGTG	TTTTTAACAA	GCATCCCTGG
430601	TGACTCTTAA		GTGGAGAAGC	TCTAGAGTGT	ATTTTTATTT
430651	GAACGGAGTC	TGTTGCTATA	ATTCCAGGAG	CCCCGCTGAT	TTGCACAGTT
430701	GGAATAAAAA	GAGTCAAACA	AAGATCTGTT	TCTGCGCTTG	ACATGAAAGT
430751	CTCCAGGATT	CTGTTACGTT	AAACCCTCAG	ATTTGAGCCA	TGTCAGAAAG
430801	ACAATTAAGA		GGTCATTAGT	TCAGCAGTTT	GCCCATAAAT
430851	ACATGCCTAT	CTAACCCCCT	CCCCCACCCA		TAGGTGCAGA
430901	AGTGCCCAAC	AAGGATTATA	AAAGGGAAAC	ACTCTAGAAT	CAGAGCAAAG
430951	TTGAAACTTC	AGAGCATGTC	TTCCTTGGGA		CACTGCAGTT
431001	TAGGAAAAGA	TGTGTAGCTA	GTAACATTAG	ATACATTGTG	TCTAAAGCCA
431051	CGTGGTACTG	TCGGACACCA	CATCTTTCAT	GTAGCCATTA	
431101	TCCATTTCCT	TTCATTTTGT	GGGTTTGGTT	ATGGTCCCTA	AATTATCAAA ATGGCTCAAT
431151	TCCAGTCCAA		TACCTTCAGG		
431201	AATGGTGAAC	TTCCTAAATG	TGAAGAAGGG		
431251	AGGAGGGAGG		TAGGAAATTT GTACACGTCA		
431301	AATTCTGCTG		TTAACAGAAA		
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431401 431451	TGTGTGGTGT		GCGCGTGTGT		
431451	TTGGGATGAT		TGGGACTAAT		
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431651	GGAATGTCTT		TGGAGAGGGA		
431701	CAAATGAAGA		CATTGTTTCT		ATTTTTGGTT
431751	TGCAAATTAC		TTTACAGACA		
431801	CTGTATTCCT		CTGTTTGAGC		
431851	AGCCCGGAGA		AACAATTAAA	GATCTTGCCA	GATAGATGGG
431901	AAGAAACCAC		TCCCTGCTTG	CTAGTGACAT	TTTGTGGCCT
431951	CCCGACCTCT				
432001	GGCTGGGAAA		TGTCTGAGGC		
432051	TTGGGCCTTA	AGGAAACAGT			
432101	CACCCAAGTO	ACAGCAGTAG	GAAGTGAGAZ	A CAGCTGGCGC	TGCCTACCAC

432151	TCAAGGTAAA	AGAGTTGCCA	GTCAATTAAT	AGAATATGGT	CCCACTTAGG
432201	AGACCATGCT	AATCAAGGAA	AGTTACGCTC	TCTGCAGGTA	GCATTCACTT
432251	GAAATGTATC	ATGGCTTATA	GTCTCAAAGA	CTCATTTCTC	ACTGGGACTG
432301	TCATTTGTGG	GTAGGAGTAA	GCCTAACTGG	ATGCTTCCAT	TCCAGCTCTG
432351	GGGAAAGGAA	CAGTGGAGAT	CCCAGTTAGG	ACTGGGAGAT	CCTGGAGCCC
432401	TGAGGCCAAC	TTCCAGGGAT	AGGACCAGAC	TCGGGGATAT	GTGCTCATAA
432451	GCACAGGTGC	CTGCAGAGGC	CAAGTGTACT	GTACAGAAGG	TGGTCTCCTG
432501	AGTGAACTCT	CAGCTGGAGA	CTGGCTAGGA	CAGAGGGCAT	ATTAGTGAGG
432551	GATAGGGAGG	CAAAGGGCCA	GGCATGGCTG	TCTCCATCAG	ACCAAGCCTA
432601	GTGATGAGAA	GTCATTGACT	AGTGGAAATG	TGGCATGCCC	TACTGAACAA
432651	ATAAGAAGTT	TGGAGTATAG	GGTTTACCAC	TTCATCAAAG	TTTTCTTATA
432701	AACTCTTTCT	GTCTGACAAC	TGCCCCTTGC	GCGCACACAC	ACACACTCAC
432751	ACATGCTCAT	CCATCTATTT	GGAGAGGAAT	CAATTGAGAT	GTCAAGTATT
432801	GGATAGGAAT	AGGATTTTTT	GTGAACGGGG	GAATGATAGA	AAAATCCAAG
432851	TAAGGAATCA	CTCTCCCCCG	GGTGGTTTTA	TTTGAGGTTA	TGTGTATATA
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432951	ATGCTTGCAG	AGGTCAGAAG	AGAACATTGT	GTCTAGACAG	TGTCTTCTTG
433001	CCACCCCACC	CCACCCCACC	CCCAGAGGGC	AAGGACAGAG	ATGACGGGAC
433051	CTGCTGATTC	TTGCAAGTCC	TCAGTCCACA	TCTGTCCACT	CTGTTGCCTG
433101	AGAATGAAAA	TCAGCTTCTA	ATTTAGTACT	CTTTGGGTAT	CACTGCTTTC
433151	TAATTTTCTC	CTCTGTCAGG	ATATTACCAT	CAGGCAAAGA	TTTATATAGC
433201	AATTTTCATC	TGAGGGAGAT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
433251	CTCTCTCTAG	CAGAATGAAT	ATCTCAAATC	ACCACTCACT	ATCATAACAG
433301	CCCTTCAGAC	AGGTCAGATG	CACTTACTGC	GTTGACTTAC	TCTGAGTATC
433351	AAATCCCAGA	GGCCTCTGAA	GCCTCTGCCC	TAGAGAAGAC	CAAGGATCTG
433401	GTGGTCCAAG	AAAACTAGGA	CAGCCTTACT	TTTAAATTAA	AAATGTAGAG
433451	ATCCCAAATG	AATGGTTCCC	TTGGGGAATA	TAGAACAAGA	GTTTGTCTTA
433501	GCTTCCTTGT	TCTGCTGTTT	AAGTCATTCC	AAAGTGAGCA	TTGACACCCA
433551	ACCATCCCAG	CCAGGCTGCA	CTTTGAATAG	CATCACAAGC	CCCGAGTCCC
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433651	TTGTCTGTGT	ATATGTGTTT	GTAGTGTGTA	TGATACATGT	GAGTTCATGT
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433751	GCCCTCAATA	GATTTCCACC	TTATTTTTTT	CATACAGAGA	CTCTTATTGA
433801	ACCTAGAGCT	CACTGATTCC	ACTTGTCTAG	CTGGCCAAAG	AACATCAAGA
433851	ATCCCTTGAT	CTCCACCCCT	GCAGGGAAAC	CTCTAGTTTC	TTTGGAAAGT
433901	TAGTTATGTC	AAATGATGTT	TTTCTGGGGC	ACACAGGTGA	AAGGATGTCT
433951	TGCTAAAGCA	GACACATGAA	AGAATGTTTT	GCTGAAATAG	ACACGGGGAA
434001	AGGGTGTTTG	GCTATAGCAA	ACACATGAAA	GGATACTTGA	TGAAGGAGCA
434051	TAAATATGAT	CCCACAGACA	GTGGGAGACA	AGCACTGAGC	TTTGTTATGG
434101	TTGTTCCACC	TCTCTATTCT	TCCCTAACAA	TGCGCATACA	TTGGATCACC
434151	TTATGTAGCG	TTGTTGAGCT	CAACTTGTGA	TAACACAGCC	ATTGAGAGAA
434201	ACTTGCCTAA	GAACTGCTTG	TGAGGTTCCT		GCGTCTTCCC
434251	TGGCCTAGCC	TCAGGCCAGT	TGGCAAGTCT	AGCCATTTCT	
434301	ATTACAGCTG	CTGGTTTGTG	CCTGGTGTTT	GCCCACCTAG	AGGACTGTCC
434351	TGCAGCTGCT	GGTTCATGTG	TGGTGTCTGC	CTGCCTAGAG	
434401	CAGCTGCTAA		GTGTTTGCTA		
434451	AGATGGAGCT	TACCCCCAAT	GAACTATTGC		
434501	CATCCTAATA	ACTTTTCTCT	TCACTACCTC		
434551	GAGAGGTTGG	ACCCTTATTA	AAAGTAGGTT		
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434651	GGGATCTGAA		CATGTTTGAA		
434701	AGAGCCATCT		CCTCACCAGC		
434751	CATGTTTTGT		TTTGTTTTT		
434801	CAGTTCTCAA		TGTTATGGCA		
434851	GAGGTCACAC		TTGAGCAATG		
434901	CCACTTGAGT	ATGTAGGCTG	ATATTTCAGC		
434951	TGGAAAGGTT		TGCTCCCAAG		
435001	ACAGACAGAT				
435051	ACACACACAC				
435101	GGTTACACTT				
435151	CACCCACTAT				
435201	TATTAGACTG	GCTGTCAGCT	TTTAGAACAC	: GATGTAATCA	1 TATTTCGCTT

435251	GGTCTCTTCT	AACTCGGCAG	CATCGCTGAT	ATCATCTGAG	ATCTGTGGGT
435301	TGGAGCTAAG	CTCTTCACTG	GGACAATTTT	TTCCTCCTCC	CAGCTCTGGC
435351	TTCCTGTAAA	ACAGTGCCTT	TGGTGTTGTC	AAAAGTGCGC	CTGTTTTTCC
435401	TCCTGTGTTT	TCTGCCTTTC	CCAGCCCCCC	ACCTGGGTCT	AATTGTGAGG
435451	AGCATCTGCA	TGTTTTAAAG	GCTCATTATG	TAAATGTATC	AGAGTCCATA
435501	TCCATCAACA	GATAATTAAG	AAGACTATAT	ACATATTTAT	GAGATAGCTT
435551	AATATTGCTT	TAATGAGGAG	GTTTACTGGA	AATATCAAAT	CAAGGAGGCA
435601	AAAAGGAAAA	AAATGATCAG	AACAAAAAA	AGCGTGCAGG	CTTTCATCAG
		TTCTGAACTG	TCAGAACACT	CAAAGGCTTG	TCAGAACTCA
435651	TCCTTGGTAG			GAAGCCAGCC	GCTAGGAAGA
435701	GATTTCTGAT	TAGCCTACCA	TACATGGTAA		TTTCTTGTTT
435751	TGGGAGAGAA	ACTCGCTCCA	GACTTCTTTG	AAAGCAAAGC	
435801	CAAACCAGAG	ACTTCTCAAG	GAGCCAGCCT	CCTGTTCCCA	CACCTGGGAA
435851	AGCGTTCACC	ACAGGGAGTG	GCTACAAGTC	CCCTAGGGCA	GTCTCTAGCT
435901	GAAGCCAGAG	AGAGGGGAAG	ATGTGGCTAT	TTCTCAAGCA	GGCAAAGCCC
435951	AGCAGGCACC	GGCCTTAGGA	GTAAGAAGAG	GTATGGTCCG	GACTCCTGGA
436001	TGCCTCTTGT	CCTGCAGCCA	GGACACAGAC	AGGTGCTACT	AGCATGAATA
436051	AAAGCCCAGC	TTCCCTCACT	TTGTGGGCCA	GGCATCTCTG	TGCAGCACAC
436101	AGTGTGCACC	TAGCCATGTC	TAGAAGCCCC	TTGTGTTCTC	ACCAGGAGCT
436151	AGCCTAAGTC	TGCAGGAACA	GTGCTATACC	CGCATGTTAT	CCAGCAACCT
436201	GTCCCTTCCA	TTTGCCTAGG	TATCTGCTCA	ACCCCTCACT	GGGCACCTCT
436251	GCACCCGCCA	TTCTATAGGC	CAGTCTTTGG	TCACCATGTG	TCACCAAAAT
436301	ACAAAGAAAA	CTGGAAAGCA	CAGGCTTGCT	AGGTGGTCAG	GAACAAAAAG
436351	AAGCTAGAAT	TGTTCATCAC	ATAGCCTTGT	CTCTGGAATA	GTCTGCCTAT
436401	CTGGCCAACA	AATACCCATG	TCACTCTTTA	TCCTCAAATC	TTCATGTCAA
436451	CTGAGAAATT	CCAAAGACCC	TCTGGGTAAT	TTAAATAGCT	CAGAGCCAAG
436501	GACTTCCGTG	GGTTGGCCAG	AACTCACCAC	TGAATTTAGA	CTAGCTTCCT
436551	CTTGTTTAGA		CTAGAAAAAA	CAGAATATCG	ATTATCCCTT
		ATATATGCTT	GGCCCAGGGC	GTGGCACTAT	TAGGAGGTGT
436601	GTGATGGTTT		GGCCCAGGGC	AATGGGTGTG	GCCTGTTGGA
436651	GGCCTTTTTG	GAGTAGAAGT			TAGGTGTATC
436701	GTAGGTGTGG	CCTTGATGAA	GTGGGTGTGG	CCTGTTGGAG	GATGTCAGTC
436751	ACTGTAGCTG	TGGACTTAAG	ACCTTCATCC	TAGCTGCCTG	CTCTGCCTGC
436801	TTCCACTAGC	AGCCTTCAGA	TGAAGATGTT	GAACTTTCAG	
436851	ACCATGCCTG	CCTGGATGCT	GCTATACTCC	CACCTTGATG	ATAATGGACT
436901	AAACCTATAA	GCCAGCCCCA	ACTAAATATT	GTTATTATCA	AAGTTGTCTT
436951	GGCCATGGTG	TCTGCTCACA	GCAGTAAAAC	CCCAACTAAG	ACATCACCCA
437001	TCATGATCTA		TAAAGGGAAG	TGCCTAGCCC	AAACGAAAGC
437051		ACACGTGAGA	CATAGAAGAA	GCAACCCTGT	CTATAGCAGT
437101	TCTGAAATGC	TGGCGGCAGG	GGAAATTCCT	TGATTTGATC	CAGTACATGC
437151	CCCTGGGACC	CTGCTCTGCC	TGCCAATCTT	TGTGTGTCTA	
437201	CAGCGATGAT	ACCTTTGGGG	GAGTGCCACG	GCTTTGGGAC	CCTTGTCTTC
437251	TTCCTAGAGC	AGACTTACAA	AGCTAAGGTG	GTTTTAAAAT	AGCAACCACC
437301	AACTGGTTCC	ATGTGCTCCA	TTTTCATTTA	AGTTCATGCT	TATGGTTTCT
437351	TTGACTTGAA	CAATTCCCTA	GCATAGAGCT	GGTACTTTGT	CAGGACTCAC
437401	TCTCTCTGTG	TGTCTCTGTC	TTTCTCTTTC	CTCTCTCTCT	CTCTCTCTCT
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437551	TGGAAAATAC	CATCTCCTTT	ATGTGCTCAC	AAAGGGAAAG	AAACGGGGTT
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437651	CCATGCAACC		AGATCTTTGG	AGTGAGGTAA	AACCTTTCTA
437701	AAACAAAAAG				
437751	AAAACAGAAT				
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437851	CAGACAATGC				
	TAGAATATCA		_		
437901					
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438251	ATAGGAAACA				
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438451	CACAAAAACC		TTCCCCTAGG	CTCTGTTGAA	GAAGAGAGTT
438501	CCCATAGCCT	CAAAGACTAT	GCTATCCAGA	CCTATAGACA	CTGGCCAAAT
438551	GTTGCTATTT		GAAGAGAAAG	TTGTATTTTC	ATTGAATTGT
438601	GCTGGGCATA	TTTCAAAGGC	TTCTTAGTCA	TGTGGACAGA	GGCTAGCACT
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438751	ACCTCTTCCC	CTCAGAATCT	TTACTGACCT	GAGGAAGAAG	GCTTGCTTGC
438801	ACATGGTCTT	CCAACCTTAT	GTACATCCTG	CCTCATGTTT	CACACTTAGG
438851	TTTAGAAACT	CATAATCCAG	GGAGTGACTC	CCGTGTTTTC	TATGCTGTAC
438901	TGGTCAGTAG	ACACACTGAG	AGTGGTACGT	CTTTATTGTA	AGTAGAGGGA
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439001	ATGAGAGAAG	TCCCAGACAG	TCAAGTCCCC	CTAGCTACAG	AGAAGCACAG
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439151	TAACCTCCTA	AATTAGACTC	AGATAGTTGT	TCTTCTCTCT	CTAGAGCACT
439201	GTTTCTCAAC	TGTCCTAATG	CTTTAATACA	GCTCCACATG	TTGCGGTGAC
439251	CCCAACCATA	AAATCATTTC	ATTGTTACCT	CATAACTGTG	ATTTTGCTAC
439301	CATTATGTGT	CATAATGGAA	ATATCTGATA	TGCAGGATGT	CTGATATGCT
439351	ACGCAGAATA	TCTGATATGA	AACTCCCAAA	GAGGTTGAAA	CCCATAGGTT
439401	GAGAACCACT	AGTCTAGACA	TTTCCCTGGC	TCTCACTTGC	CCACACCCTT
439451	CTTCTCTAGC	CCCATGAGTT	CCAGAAATTT	TGGTTGGTTC	TGCCTGATGT
439501	TAATAGTGTG	GTATTCACAT	CATGTTCCTG	TCTCACCCTC	ACCAGGGGAA
439551	CAGTTAGAAT	GTCAGACATT	TCACCCTTCT	CTTGGGGAAA	AAATGATTAA
439601	TCCTGAGGTC	AGCTAACAAG	CCTGATGTCC	CCTTTGCTGG	ACACACACAG
439651	TCAGGGCTCA	CTCCACAGGA	CCCCTGTGAA	CATTAACTTC	AGCCCTTTGG
439701	TGTGTTGTTT	ATTTTGCCCC	ATTTCCAACT	GACATAGCAC	CAGGTTCAAA
439751	GAGAAAAGTG	ACTGGAGAGA	AAGAGCTGTC	ACCCCCCCC	CGTGAATGCC
439801	CCCCCTCACC	CCATTCCCCA	CTCCATCCTC	TCCCTGACAC	CTCCCTGTCC
439851	TGGATGATTA	AGTGTGTGAG	CCACCTAAAA	ATATCTGTAT	AGAAGCAGAG
439901	ATGAGAGAGA	GAAAATGAAC	TGTTCGTGAG	GAAGACAAAT	GGTATACTTC
439951	CACCCCAGGC	AGTCCCTTGG	AAGGTCCTTG	GCTAATAACC	ACCACCCATG
440001	AACATGGTTT	CTGCTGTTCT	GTTCCTGCGA	TAGACACCCC	TCCACTAACA
440051	GGCTATTGCA	AGTATAGCCT	CCTCCAGGAA	GCCACTCACA	ATTCGCATTG
440101	CTCAAACCTT	TGTCACAGCT	GCCAACCTCA	TGGAAGATTC	AAAATACAAA
440151	GTTGTTTTAT	GTATTCCCGA	GCAGATTTGA	ATCAAACTCT	TTGGATGAAA
440201	GAGCTAAATG	TATTGGCAAT	TCTAGGGTCT		
440251	GCTAGGTAAG	CATTCTACCA	TCAGTGACCA		
440301	CACTTGTTAT	TCTGAAGCAG	AAACTCTCCA	TATTGCCCTG	
440351	GTCTCTTCCT	GTAGTCTGGG	AATACCTAGA		
440401	TTGCATAAGC	AGAAGGGTGC	AACATGTGGT		
440451	TAGAGGATTT	GTCAAGATTC	ATCTACATTG		
440501	CCATTTCCTT	TTCTGTCCAA	ATAATGTCCC		
440551	TCTACTTTCC	CAGTCATTAG	TTGCTATACA		
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441551	CAGAAAGCCA	ACTTTCTAGA	AGACCAGAAC	AAGGAGTCTT	ATGGGGAGGA
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	AAAAATGCTT	TTAAAGTAAG	ATTCATTTAT	TTTTATTTTA	TGTGTAGGAG
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441951	TGTTTTACCT	GTGTGCACAT			TTACAGGTGA
442001	ATAAATGTTA	GAAGAGGACA	CTGAATCCCC	TGGACTGGAG	
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442101	AGCAGGAAGT	GCTCTTAGCC	ACTGAGTGGT	CTCTCCAGTC	CTAGGCTTGG
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442201	ACAAATCCTA	AGCATAAATA	TGGTCACTGG	AAATGGAAGC	AGATGCATTG
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442501	CTTAGTGAGC	TAAAATGTGG	CTGGATGTCT	TGGCTGGGTA	GTTCTTGTAG
442551	TACCCTGAAC	AACTCGGTAT	GAGATCCCTG	AACCATCGCC	CTGAATTCCA
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442751	GAGCCAGCAA	CAAATGACTC	GAGAGGACCT	TTGTCTGGCA	CCATGAGATG
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442851	AAAACAGACT	CATTCATCTT	GACATCAGTG	TCTGATCCAG	AAAGCCAGGA
442001	TGCTTTGCAG	CCTCAAAATA	GCACAGAGCA	AGAAGGAGAC	GGGAACACTG
	CTGCTGGGGA	GCCCTGCTGC	TGGGGAGTAC	TGCCATTGGG	GACTACTGCC
442951	-	ACTGCTACTG	AGGAGCACTG	CAGCTAGGGA	GCACTGCAGC
443001	ACTGGGGAGT		ATCACTAGAC	CCAGGGCATC	CCCCGAACTA
443051	TTGGGAGTAC	AAGCAGTCTG		ACCTGAGACA	CTGGAACTA
443101	TATACTGCTT	CACAGGCAGA	TGACAAAGCC		ATTGCCACCC
443151	GGTCACAGAT	GGAGGAGCAG	TGTTGAGAGA	TAATAAAAGG	
443201	ATGGGCAGAA	AGAAAGGAAA	CACATCGCAG	ACAGTCCATG	AGCATGGCAC
443251	AAGACTAACC	ACATTGGTAA	TTATTACTGG	TGTTCAGTGT	ACTGATAAGA
443301	CCACTAAGCT	TTTAGGTGTG	TACCAAGGCT	CTCCCTTACA	CCATCTCACT
443351	TTCATTATTA		CAGTCCTTAG	AGACCGTGAA	TACTCGTGGG
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443701	GTCTTCCTTG	TTACACTTAA	TATTCCCAAC	AACCTTGAAA	AAATGAATTA
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	GAGCCTAGAT				
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444501	I'I CAATGT'I'I	ACCAATITAA	. AIGIIAAITC	, CRINANAAA	. ACCACIICAG

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444651	TCTAGTTAGG		GCCCTTAGCA	ACACAACTTT	AATTCCTCTG
444701	GCTGGAATAC			CCTTGAATCC	CAAACAATGA
444751	AAGTAAAGTT	AGTTTGTAGA	AGGAAGCACC	ATATTTGAAA	GTGATGTTGA
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444851	ATATACACAA	CTCTCACGAG	AAGAGAGAGG	AGAGGGAAGC	AGTTAAGGGA
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445001	AGAGGCAGAA		TTACTATGAG	TTCTACAGAC	ACAGGTGAAG
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445151	CTGGATCGGT	CAGCTGGGAG	AGGAGTTTGA	ACCTGAACAG	CTGAGTTGTT
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445301	GGAGGCGAAA		ACTGGGCCTC	GGTTAGCAGA GATAAAAGTT	GCTTTTACAC
445351		GACATCAATC	ACAGCAGGAG CTGGAGTTCC	AGGATCATGA	AAAGTAGCAA
445401	CTAACCATCA	ACATACTGCA		TGGACGACAA	GGTAAGACCA
445451	ATTCCAGCCA	TGGGGTTTCA	GGCTGTCCGG	AGTTTAAAAC	ATAAGCAAAC
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446351	CAGCTACGCC	ACAAGCTGCT	ACAGAACAGA	ATTGTGCAGG	AATTTTAGAC
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446751	TTCATCTACC	CCGTTCTCCC	ACTGCAGGTA		TGTCTGCTGT
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448151	AATATGATCT	AAAACTGGCT	CCCAATGACA	GGCACTGAGA	AGTCTAGGAA
448201	CACTTTCATG	CATGTTCTTA	TAGGACTGTT	TCCTGAGTGC	TCCTGTCAAG
448251	GGAATATTCT	ATATTAACCA	TCACAGTAGG	TTGTCTTATT	TGGAGACAGA
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448451	AGAGAGAAGT	CTCAAAAACC	CCTCCCTTAC	AGCCCTTTAG	GGAATCAACC
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448551	CGCCTTGATT	TTGTGATCTT	CCTGTCTCTC	cccccccc	CCCAATACAG
448601	AGTTATTGTC	TTGAAACATC	ATGCTTAGTT	TCTATAAATA	TCTTGATCTT
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448801	CTGGGTGGCA	GGGAACTTAG	CGAGCCGGGT	GGAGAGATTT	CAGAGCTCTG
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448901	TACATAAGGT	ATCCTAAGTT	ATAAATCCTC	CAGTAGCTGA	TCCCGGTGGA
448951	TCCACCACCT	GAACCAGGGG	CCTTCACTAC	CTACATTTTG	CCCTCCCACT
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449201	AATACCAACA	GCACCAGGGC	AATCCACAAT	ATTGTAACCA	TGATGCTGAA
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449301	GAAAAAGACA	AGTAAAGAAA	TCAAATCACC	CATCTTTGAG	ATCTAGACTT
449351	CTTTCTATTT	GTTCTGTTAC	TTAAAAAAAA	AAAAAAGTTC	CCCAAATACT
449401	TCCATGTTGA		CTATAGCCCG	GGGTCCTGGG	TTGAACAAAG
449451	AGAAGAAGCT	GAGATGAACA	TCAACATTGT	ATTTACATTC	TGGGGAAGGA
449501	TGCAGTGTGA	CCAGCTGCCT	TGCATTTCTG	TTGAATGCCT	GCCCCACCAC
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449651	TAGAATTTGT	TTCATTGCTG	CTTCATAACT	GTAATTTTGC	TACTGAGTTG
449701	TAGTATAAAT	ATCTGACATG	CAGGATATGC	CAAAGGGGTC	GAAACCCGCA
449751	GGCTGAGTAA	AACTGCTCTA	AGCCGGTATA	AACTCTCCTC	CTTCAAGCTG
449801	TCGTTATCGG	GTATTTAGTC	CTAACAGTGA	GGAAAATAAT	AAACAGGGGT
449851	CCTTAGGATT	TCACAAAATG	AGTCTTGGAA	AAAACAATTC	AACCTTTGAA
449901	TCACGTCAGA	CCAAGAACTT	CTTTCTCTGT	AATAGAGGAA	GCTCTCATTA
449951	ATCTTTATGG		TATGCAAATA	TCCACCATTT	TATTACCAAC
450001	TTCATTATCT	CTAGCCACTG	GAAATGTTTA	GCAGTCATGT	CTGCACATCC
450051	ACAGGTTACT	AAGCTGATAT	CAAGGATGAT	GCCGTGGAAA	TGTATGAAGC
450101	TTCCAAGGGC	CATTTGAGTA	ATTGGACAAG	ATTATTACGA	AGCTCGGTGT
450151	AATTTTAGTG	GTGAGTCTAT	TTCATTGTGT	TTTGCTAATA	TAAAAGTCAG
450201	TCATTGATAA	ATGGGATTTA	TGTTAACCAC	CAAATATTTG	
450251	TTCTACTCTA	GACCAAAGGA	ACGTAGGGGT	TTAAGTGCCA	GGCCCCAAAA
450301	TAGGAGTTCA			GCAAAAGTGA	ATGGGGCCAA
450351	AGGAGAGCAC	ATGCGCTTAC	TGTGGGAGCC	TTTGCAACTG	
450401	CATGAAATTG		TGCATGCGAC	: CCCACAGTGA	TGAAACCAAT
450451	ACCTCAGAGG			AGACAAAAGA	GCGGGCCTTA
450501	AATAAAATGC	CAGCATTTCC	ACTCGGGCCA	TCTGTAGAGC	TCAGTGGTCC
450551	GCCGCATCGT			TCTGATGTTT	TCAGGGTGCT
450601	TCTCACAGCC	AACGCCAGAA	AAGCCTTTAG	CACCATGGAA	ACATTGCTTG
450651	GTACAGGCTG	TGCTTGAGGT	ATGTGGTGC	AACACCAAGT	
450701	AGAAGAACAC	AGAATGTCTG	CTGGGGTACC	CATCTCCAGG	GCCCCCTTGC

450751	CTTTTCTCCG	AAGACCTCAT	TTCTGTTCCA	CTGAGCCCCT	TGCCACAGCA
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450851	CTTCACCACC		GTCATTAAGG	ACAATCTCTT	ATGTGTAAAA
450901	TGTGGATGGC	TTTCATGGCT	ATTTTGTAGG	TGTGTGGTGA	AAATTATGCA
450951	AGTAAAATGT		CTTAATGCAA	TGCCTGATGT	ATCTAAGCAT
451001	TTGGTAACAT	TAGCGGTCAT	GAGCGGTAAC	ATATCCAGGC	ATTGTGAGAA
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451101	TGCATGGTAG	AGGTCAAGCT	AACCAAGGTC	TCTCTCCAGC	TTAGATGAAG
451151	AATATCATTC	ATTCATAATG	GTTCCATTTT	ATAAGTTGGC	ATTCTATTAA
451201	GAATTAGATA	TATAGATATA	GATATGGATA	GAATTTTAAC	TTTGCCTTTT
451251	ATCACTGAGG	TTATAAAACA	TGAATTGGTC	TCCTTTCTTG	ATTAAAATTA
451301	TCATAAGTTT	ATTATGTGAT	TCTATCCCCT	GAATGTTCCT	GGGATGTGTG
451351	GCTCCTGTAC	TGTGTAGTCT	CAAACTGCCC	TGTCTGCCTA	TAGCCCTTGG
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451951	CTATATTTTT	TCCTCTTCAT	CCAAGGCATG	GATGCCACTC	AGTTTCTCTG
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452401	ACTTTTTACA	ACACTTTAAA	ATTATAAGAA	TTTTAACCCA	AGGGACAAAA
452451	TTGGTGCAAT	CTGGCTTATA	GCTGTTGTTT	GCTGGTCCAA	GCCTTACTTA
452501	GAACTCTAAG	ATCTGAGTCC	TGAACTGCAC	AATGGTGGTG	TACGACTTTA
452551	ATCCCAGCAC	TCGGAGGCAG	AGGCAGTTGG	ATCTCAAGTT	TGAGGCCAGC
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452651	GTCCTGATTT	GCTACCATGA	GCAGTATTAA	CTATGTGAGC	AGAAATGAGC
452701	AAAGTGAGCT	CGCCAAGACT	CAGGCTCCTT	ACACTAGAAT	GAGAATCCAG
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452801	GTCCATGCTG	GCTGGAATTG	GTGCTTGCCG		GAGTCTCCAC
452851	TGAAGCTTTT	GCCTTCTCCA	TGTTCTTCCA		AGTGTTAAAG
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	GAGTTATCAC				
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453901	GCATCAGCTC	CTGCTTTCTG	ACCTGCTTGA	GTTCCAGTCC	TGACCGCCTT
453951	TGGTGATCAA	CAGCAATGTG	GGAAGTGTAA	GCTGAATAAA	CACTTTCCTC
454001	CCCAACTTGC	TTCTTGGTCA	TGATGTTTGT	GCAGACTAAG	ACAATCATTA
454051	ACTGTTATTT	GTGTCTAACT	TCCATGAGTA	GAATTGTATG	ATTTTTATCT
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454201	ACAACATTTA	ATTGGGGCTA	GCTTACAGGT	TCAGAGGTTC	AGTTCATTAT
454251	CATCATGGCA	GTGTACAAGC	CGTTTTGGTG	CTGGAGAAAG	AGCTGAGAGT
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454401	GACCTCAAAG	CCCACCCACA	CCGTGATGGA	CTTCTTCCAG	CAAGGCTACA
454451	CCTACTCCAG	CAAGACCACA	CTTCCTAATA	GTGCCACTTC	CCATGGGTCA
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454701	GATGATATCA	GCTCCCATTT	CTCAAGTTTT	CCAGGCGTGA	AATTGTGGCA
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455251	TGATGACTCT	AGCTTTTGCC	AAGCTGACAT	AAGGCTAGTC	ACCTCAACTG
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455551	AAAGCAAAAC	CAAACTCCAA	CAGTGCGAAT	AACACTGTAT	CCAATTATCT
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455651	TCCAGCTCTG	CCCTCTGTAG	CACACACAGC	TTGTCTTCTA	GGCTCTAGCT
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455751	TGGCATCTCC	AAAACTGTTG	GTGTCTCTTG	CTGCAACTGG	GCTGTACTTT
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457251	CCAACTGAGC	TACATCCCCA	GCCCAATAAT	ACCTTATTAA	AAAGACACCA
457301	GGTATGAACC	AGATGGGTTG	GCTCACACCT	AATAATCCCT	AAACCCTGGA
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458651	GAGGCTTGGA	GAAGGGTGGT	AACCATTGTT	GTAAATCCAC	TTATTTCACT
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707T0T					

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463601	CCTGGCACAA	ACAAAGATCT	TCTAAAAAGA	AGACAGCCTC	ACCTTTCTTT
463651	GGTTATCACA	CTATGGAAAC	AATGGTCCCC	AAGGAATTGG	ATCCCTTGGA
463701	GCCTCTCACA	AGATGAAGGA	ACAGGCTGAA	GCATAGTGCC	AGCCAGAGGA
463751	GGTTTCATAT	CATCCTGTTA	TCTTATCTAC	CACCTTGTAA	GGGAGAAAGG
463801	ACCAGAAACA	ATGAGTCTAT	AATGGGACTG	TGACAGAGAG	GATCACACCT
463851	CAGCCAGGGG	CAGCTTAGTT	ATGCTGATCA	CTGTAAATGT	AATTCTTAGG
463901	GGGTGTTCGA	CACCCCTTTT	GCTCCCAGGT	AACAACATGG	CATTTCTATG
463951	CCCACTTTAA	CCCATTTTAG	CTCCCAAATA	AATGGCACAG	AGACCTGTTA
464001	ATTTTATTAA	TGGGCTGCAA	GCCTTAGCTG	GGCAGGTTCT	GAGCTGTTCT
464051	AAACTGACTA	GGCCACATGG	GCTGTTACTT	GCTATCTGGT	CTTACCCTGG
464101	TTTACTCCAG	TTCACATGTA	TCCTCAGGGC	TGCTCTCTCA	TCATGATCTC
464151	ATGGAGAATT	CTCCTTCTCA	TTGAGTCATG	TCGGGAACCC	TCCTGGTCCC
464201	TTCATATAGT	CTCTCCATCT	CCTCATTCTC	TCTACTCTTT	CTTCCTTGGA
464251	CCTCCTGACT	GGGATCCGAA	GTCCCGCCCT	ATTCTCTTCT	GCCCAGCTAA
464301	TTGGCTAATC	AGCTTTTTAG	TAACCCCTGA	TCAGAGGTGA	AGAAAAACAA
464351	TTTTTATATA	ACATTGAAAT	CAGAGAGCCT	TAACCATGCC	ATTGTCTGGC
464401	TTGCAACCAG	ACATCTAAGC	ATCTGAACAC	ACAGTGCACA	ACACCATTCC
464451	CCAGCAGATC	ATTTGCTCTC	TTAACACTAA	AGCTCTCATC	CAGAGTTGGA CCATTGATTA
464501	TGTCACCAGA	TCTCTTTATT	TGTTCCTCTT	CCCAGTGGGG TGAGGGTGGG	TACCTTCTCC
464551	CAAGTCACTC	TCTGTATGCC	ACTGCCCTAT	TTACTAACCA	CTCTGCTAAC
464601	TCTCTGGTTG	CAGCAGCCCT	GGCCCAGCTC GGACTGCTGG	TCTCTCCTCT	TCTTCCTAGC
464651	ACACCTTCCA	GAGGAAATGT TAGCCCACTG	AGGCTACCTT	TGAGTATCTG	GCTTCAAGAT
464701	ACCTTGACTT	GTTTTATTTA	AGCCACCAAC	CTTGCAGTGA	TATCTTTTTC
464751	CTCTAGGATG	TTAAAAGGCT	TATTTATTTT	ATGTATAAGA	GTACACTGTT
464801	TTTTTTTTTT	GACACACCAG	AAGAGGGCAT	CGGATCCCAT	TACAGATGAT
464851	GCTGTCTTCA TGTGAGCCAC	CATGTGGTTC	CTGGGACTTA	AACTCAGGTC	CTCTGGAAGA
464901 464951	ACAGTCAATG	CTCGTAACTG	CTGAGCCATC	TCTCCAGCCC	CTTGTGGTGA
465001	TTTCTTAGAT	CAGCAATAAG	GACACACACA	GATACTGCAC	AACTTGTTCA
465051	TCTACAGCTC	AGTTTCCCAG	TGTCTGAAAT	GAGACACCTA	TATCCACTTC
465101	AATAGGGTAT	GAGTGAGGAC	TAACTGGAAT	AACTATAAAG	TTACTGTTGT
465151	GGTTTGGAGA		TAATAAATGG	AGCTGACTCT	TTGGATCATA
465201	AAGAACATTC		TCAAGATTGC	CCACACAGCA	GCTGTGGGTC
465251	AGGACAAGTG		TGGAGCAGTG		GTAGAAAGAA
465301	AGGGCTTTGG		GTTTGTTTT		
465351	CAGTCAACGG		AAGGCAGTGG		GTGCAGCAGG
465401	CTTCCCTGGT		TTATGCCTGC	CCGTTCTGAA	GGCCCCATTT
465451	TATTCACAGO		ACTGTGCTTC	ACTGTAAAGT	GAACCATGAG
465501	ACACCCAAAG		TAAGAGTTCC	CCTTCACTTC	ATTTACAAAC
465551	TGAATACAGC			: CTATGGCACA	GTCTCTGGTT
465601	CTTAAGCAAT		AAACTGCTTT	CTCTATATT	
465651	TGAATATTAC	GAAACACTTT	GGGCAAATAA		
465701	TATTAAACAT	GACAGATGTT			
465751	TAAATGACGT	CTATGTACCA	. AGTGTGGTC#		
465801	TGTGTCGCAG				
465851	TCGCAGGTGG				
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465951	GTACAGCATA				
466001	TGCGGAGCTT				
466051	GGCCCCTATA				
466101	TTAGTGGCCT				
466151	TTCAGATGCT				
466201	TCAGATATGO	AACTCTCAGC	TCTTTCTCT	A GCACCAAGTO	TGCCTGCGTG

466251	CTGCCATGCT	TCCTGCCACG	ATGATAATGA	ACTAACCTCT	GAACTGTAAG
466301	CCATCTCCAG	TCAAATGCTT	TCCTTTATAA	GAGTTGTGGT	CATCATGGTA
466351	TCCCTTCACA	AAAACAACAA	CAACAAAACC	CTAAGACATT	GTAGTAGGAG
466401	TCAAAGAGAG	TAACTTAGAG	CCAGCATGTA	CTGAGTACAT	ATTGTATACA
466451	CCAGGAACTT	TTCTGTGAAC	CGTAAATATC	AGGGTAAACA	AGCTGCTTTC
466501	TGAGCTAAGG	TAGAAGAGAC	TTGACAGACT	CCATGTCTTA	GGGTTTCTAG
466551	TGCTCTGAAA	GACACCATGA	CTACGGCAAC	TCTTACAAAG	AAAAACATTT
466601	CATTGGTGCT	GGCTTATAGT	TCCATTATCA	TCACAGCAGG	AAGTATGGTG
466651	GTGCACAGGC	AGACATGGTG	CTGGAGAGGT	GGCTGAGAGC	TCTGCCTACA
466701	GATTTGTAGG	TGGAAGGTCT	TCTTGTGACA	GTGAGCCACT	GAGCCTGGGC
466751	TTGAGCTTTT	GAGACCTCAA	AGCCCATCTC	CTAGTTAACA	CACTTTCTCC
466801	AGTAAAGCCA	CACACAACTG	CAACAAGGCT	ACACTCACTG	CAACAAGGCC
466851	ACACCTACTG	CAACAAGGGT	ACACCCACTG	CAACAAAGCC	ACATCTACTG
466901	CAACAAGGCC	ACATCTACTG	CAACAAGGCT	ACACCCACTG	CAACAAGGCC
466951	ACACCCACCA	CAACAAGGCC	ACATCCCCTA	ATAGTGCCAC	TCTGTACGGG
467001	CCAAGCATTC	AAACATGGTG	AATGGAAACT	GTTCCTACTC	AAACCACCAC
467051	ATTCCATACA	ATGGATTTAG	AGAACACAAT	GAGTGGTATC	TGTGGGAAAG
467101	GCTGTGCCTG	ATCTGGGGTG	GGGGAGGGGT	ATTGGGGAGC	TCATCTCAGA
467151	GGAAATGACA	TCAGCTGGTT	AAACAGTTTC	CCAGATGAAG	CGACAGGGGT
467201	GTGAAGAGGT	TGGGAGGGGA	GTGGCCCTCT	GAAGGCATGA	GATGAAATAT
467251	AAGCATCATT	TTTAAAGAGC	TATGGCATCA	AAGAGAGTAT	GATGACAGGG
467301	GTCAGATCTA	GAAGGTGGCC	CCGGGTCTAG	AAGGTGGAGC	TGGGTCTAAA
467351	AGGTATAGCC	AAGTCTTGAG	GGTGGAACCA	GGTCTAGAAG	GTGGAGCTGG
467401	ATCTAAAAGG	TGGGGCCAGG	TCTAAAAGGT	ATAGCCAAGT	CTAGAGGGTG
467451	GAACCAGGTC	TAGGAGGTGG	GGCCAGGACT	AGAAATGAAA	CTATGAAAGA
467501	TTTAGCTGCT	GAATCAAATG	TCATTCCTTT	AACAGATTGA	CTTAACTCTG
467551	AGTTGTCAAT	TGTAGCTGCA	TCTGACTGTA	GCTTAATGAC	AACAAGAGCT
467601	GCTACAGGCT	TTAAATGGAG	CAGTTTTATA	ATGTTTGAAC	TACAGAAGCA
467651	GTCACTCTCT	GGAACTGGTT	GAAGAGGAAC	AAGGTGAAAT	TCAAAATGGT
467701	TTGGGAAATC	GTTATAATAA	TTTTGGTGAT	AAACAGTGGC	AGGGAGAGCC
467751	ATGGTGGTGG	TAAGCAGGAA	TCATCAGGTA	TAGGTCTGTT	GGGATGATGG
467801	CCCTGCAGAA	GCCATGGTTG	GGGAGGAGGG	CGGTTCTAGG	TTGGGTGAAT
467851	GACAGTAGCA	TCCATTAAAT	TGAGAAATAC	AGGAATTGCC	CATTTGAAAG
467901	ACAGGTGATG	GGCTCAACTT	CACATATGTT	GATGTGAATA	CAGTAATGGC
467951	CTAAGGGATA	TCTGTGTGGT	TAGATGCAGT	TGGCAGTTAG	ACAGGACTCT
468001	GGAGTTTTAG	ATGCAGGTTT	GAGTTTTAAG	AGTCATCTGT	CCTTGGTGGG
468051	TCTACCTAAA		AGGATGAGAC	TGCGCAAGGC	AAGGGGAGAG
468101	AGGAAGATGA	GCAAGAGCCC	AAATGCAGAA	GAAATTGAAC	AGCCTAGAAA
468151	GGAAACAGAA	TATCACCCAA	CAATAGAAGA	GCCAAGGAAG	TATGGGGTGC
468201	CAGAAGCTTA	GGATGTGAGT	ATCTCAGAGG	AGCAGGGGAG	CCATGCTGTT
468251	CAACACATCA		AGGAGACATG	ATTGGACTTG	ACACAACTCA
468301	GGCCAAGTGC	ACGTCCAGTA	AGGGCATCTT	CAGAGAAGGG	
468351	ATTAGCTTGA		TTAAAGGAGG		
468401	GGGTTTAAGA	GGTTTTAGTC	CAGGATCAGA	TGGCCTGATT	
468451	AGACACCAGA	CAGGGATAAC	ACAGCTGAGG	AAAATGGCTA	
468501	CTGAGATCAC	AGGGTGACAT	AGGTGAGCCA		
468551	GGGCATCCTC	TCAAGGGGCC	ACTCCTTTCA		
468601	TTTCCATGGC	CTCCCAAGAG	CACATCGCAC		
468651	ATCCATGAAT		TGTCACAGTC		
468701	GCCACTGGAT	TTACTCCACC	GAGGGATGTT		
468751	ACAGGGGAAT		GCAACTGTTA		
468801	ATCAGGAAAA		GGTATCCCAG		
468851	CCACTGTGGA				
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468951	TGAATGCAGC		TCCCGCCCCT		
469001	GACTGACTGT		TGTGGGCTGA		
469051	TCCTCAGAGT		AGAAACAAGA		
469101	TTTAGAGCCC				
469151	CAATGGGATT				
469201	CAGAGGGTAG				
469251	TTATTTTAGT				
469301	GCCAGAGGGA	AGAAGGGCTG	GAAGTTCAGG	TTGTTGTGAC	, IATICAGAGT

469351					GCTTCCAGAT
469401					GGTGTTAAAA
469451	TTTAAAAATG				ATGTTTGTCT
469501	GCATGTATGC			GTACCCACAG	AAACCAGAAG
469551	AGGGTGTTGG				GAGAGCTGTG
469601	TTGATGCTGG			AAGAACAGCC	AGTGCTTTCA
469651	ATGGCTGAGC	CCCCAAAAGT		AGTCAGTAAG	TGCATATATC
469701	TCCAGCAAGG	GGACCCTGCC		CCATTCTAAA	AAAGCCATTA
469751	GGGCAATGGA	TGGGAGGCTC	TGTACCCTCA	TGGGTGCCAT	AACGACACAT
469801	GCTTGCCTCT	GCAATCTTTT	CCGGGATTTC	CCCATGTGTT	TTACTGACAG
469851	CTTTCCAATT	ATACGTCCAG	GTCGCTTTTC	CTACCTCTCT	GATATTTTGA
469901	CCTTTTAACT	GTCAACTATA	CTCATCAGGC	ATAGTGGTCC	ACTTCTACCT
469951	TCCCAGAACT	TGAGGACTGA	AGAAAGTATT	CAAGAGAAGC	TTTGGTTTCA
470001	TGCAAGTTTG	AGGCCAGCTC	AGGCTACATG	AGATCCAGTC	TCAAAAAACA
470051	AAAACAAAAA	CAAAATCAAA	AAACAAACAA	AAACCCCCAG	CCATTTATTT
470101	ATTTATTTT	AAACTGCTGC	CTACAATTTG	GTAACTTGGG	CCCTCCACAT
470151	CAAGCCCTCC	AGTCATTTTC	CTTCCTACTG	CATAAGCCGA	CTCAGAAGAA
470201	AGAGCCACTT	TCCTTAAGAT	AATAGTCAGC	TCTTGTGGCT	TCCAAAACTG
470251	AAATTCGCAA	AGATGTGGGC	ATGTCAATGT	AAAAGGGTCT	GCCGTAACAC
470301	GGCATGAGAG	AGAATGGCCA	CAAGGCTGGT	AGGAGGGACA	CCAGGAAGGG
470351	TGAGGAAATC	AAAGTACTGA	ATTTACTTCT	GGGACTCCTA	TGTGGCAAGA
470401	GAGCTTCCGT	GTTATAATGT	ATCACTTGGT	TTCCATGAAG	AAATGTATTC
470451	ACAGAAGGGT	AACCATATAT	CATGGGAGCC	TTTTTTTTT	CCATCTTTTA
470501	AGTTAAAATG	CTGCTTACAG	CTTACGGGAA	GTCATCATAA	TTTACTAGGC
470551	AGAGATTTCC	CTATCATCAC	CATACATAAA	ATAATGGCAT	ATCTATTATT
470601	AATGATGTCT	TAAATCCAGC	AAAATATGGT	ATTTAAAAATT	TTGATCCTAG
470651	AGTTTTCTAA	GATTGATACT	GCAAATAAAT	ATTCTCACTT	GATGCAAAAA
470701	CTATTATTAT	GCATCATGTG	TTTTATGGAT	CAATGTCACC	AAATCAGAGT
470751	TGCCCTGGTA	AGTCTCAGAG	TTCCATGCTA	ACGAAAGAGC	ATGTCTTTCC
470801	CTCCGAACCA	CCACGGCTCT	CCCCTGGGC	AATTGTAAAA	GTGGGTCCGT
470851	AAACACCCAT	GTTACCCACA	CAGCCAAGAA	GCAGGGCTGA	CAGCATCCTT
470901	CCCACCTAAG	CGCAGTCTTA	TCATCATCAC	CCGTGGAGTG	ATTCTCACCT
470951	TGCTTTAATT	ACAATGAAGA	GGAACATATT	TTTTTCCTCT	TCAGAAGCAA
471001	GTGGGTAACA	ACTACCTGGA	TAAATGGGGT	ACTTGTGTTC	ATAATGCGTC
471051	AGCTGTAGAT	GTTTTGCCCT	CCTGGATCTG	CAGTTTTCAT	TCTTTTCTTT
471101	TGCCTCACAC	TGTAGCACCT	CACTGCTCTC	AACTAGCTAG	AGCTAGGAGT
471151	GAGGCCGGTG	AAAGGGACAT	CAAACTCCAT	CAGAAGACGG	CGTCAGAAAC
471201	CCTGGGGCTG	GAGTTACGGG	TGGTTGTGAG	CCACCCACTG	TGTGTGCTGG
471251	GAACTGATCA	CAGGCCTTTT	AAGTGAGCTG	CAAATACTCT	TAAATGCTGG
471301	GCCTTCTCTC	CAGCTCAGCC	CCTTGTGATT	ATTCTAAGCC	ACATCTATCC
471351	CTGCTTTTAA	TTATTTTTAT	GTCCTAAAGA	GTAACGGCAG	CCCAGATATA
471401	CTCAATACAA		AATAGTTGCA	AATTGAGAAC	AAGAACTTAG
471451	ACATAAACAT	TTGAGGGGAA	CATTTGCTTG	ACCCTTGTTG	GCCCCTAGAT
471501	GTTGCCGTTT	GTCTGGCCAA	TGGGACTGAA	AAAGAGGTAC	TTTCTGAGAC
471551	AATAGGAAAG		AAGGGGCGGA	GCTATGAGGG	GTGGAGCTAT
471601	AAGGGGCGGG		GCAGAGCAGG	CCTTCCTGTC	TTTTCATTGT
471651	CTGGAGCTAA		CTAGGATTTC	CACAATAATA	ATTGAGCCAA
471701	GAAAACAAGG		AAAAGCCTGG	TGAAAGTGAA	GTCTCTGATG
471751	GCGATGAAGC		ATCCACCAAT	CCACCAATCC	ACCAATCCAC
471801	CAATCCACCA			CAGACCTCCT	TTTTTAGCGT
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471901	GTCAGCCAAA		CACTGATGTG	TCATAAAAAG	
471951	GGTTAGGCAG	CAGGATAGGA	ATGCATGCCT		
472001	CTTTTTATCC		TACTTTTACA		
472051	TAGGAGGCTG			AATTCTTCAT	TGAAAATAAT
472101	AAGATTCACT				AAAGGAAAAA
472151	CAGCCGTATG			TTCCTTACGI	CTAGCAGTGA
472201	GACAATCCTT			TTATTCCGGT	GTCCTGGACA
472251	GGAGTGTGGA				
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472351	AGCGCTCGCC				AAGAATGGAG
472401		AAAGAATTTC		TCTGTCATAC	AGCTGGCTTC

472451	CTGGGAATAG	AATCTGGGGG	TGGGGGAGAG	GGTGAGGGAG	GGGTGGGTAA
472501	TCTCAAGGGA	GAAAGGTAGA	ACTTTGTAAG	CAAGCAGAGG	AAGTGTGGGT
472551	TTAGCTGTTC	CCATAGGTCC	CAGAAAATGG	ACCAGGGGGA	TCCCTAGCAG
472601	GAGAAGTTAC		TTAAGTAGAA	GCACAGTGTC	ACCCATCTGC
472651	CTGGGGTCAA		TCAATGTGAA	CAGAGATGTG	GGGAGACATC
472701	TTTATTGTGG		TCTGTGGCTC	TGCATGGTAG	AACTGAGAGC
472751	AAAGGAAGCC		AGCCTGAGAG	GATGTACTGG	GAGAGCATAT
472801	GCACACACAA		AGATTCTTTT	CTGGGGCCTC	ATTCTTTTTC
472851	CTCCCATGAC		TGAGAAGAGG	GTTTGGTGCC	AGGTGTGATG
472901	ACCAACATCT		ACTCTTGAGG	CTGAGGCAGA	TGGATGGCAA
472951	CGAGTAGGCA		AGGTGATAGC	AAGTCCCAGG	TTAACCTGAG
473001	CTACCATGTG	AGACCCTCTC	ACCAAAACAA	AGGCTGCAAG	TTTACAGTCA
473051	ACCCTGTTTG	CTCTGCCCTT	GACCTGATTG	GTTAACCCTG	AGCTTCGCTC
473101	TCTCCAACCA	CAAACAGCAC	TTGCAGCTGA	ACACACCCCT	CCATAGGGTA
473151	GACATGCTCT	TTGGCCCTTT	ACTTTCACCA	ATGGGAAATG	AGCAGAAGTG
473201	AATATCTCTG	ATGTAAGAAA	TTAACAGGCC	CGGCACCTCC	CCTAATATAT
473251	GTTCCCCAGC	CTACCGCTGA	AAAGAGGGGA	CTCAGAAGGC	CCCACAGGAT
473331	GGAGGAGCCA	TAGTTCCCAG	CCCAGGATGA	TGTGGGATGA	GGAGGTACTA
473351	GAACTGTCAG	TATGCTGGCT	CATGTACTTG	CAGGTGGTAG	CCTGTTTGTT
473401	ATAAGACTGA	GAGAACCCCT	CTCATGAATG	CTGAACATTT	TATTATCTAT
473451	CATCTCCCTT	GGCAGGGGTC	AAAACACGAA	TGTCCAGTCT	CTAAAGCTGA
473451	TTTGCAAATT	CAGCTATAAG	ATATTTCCCT	ACCCCTGGCC	ACAAGTCCAA
473551	TTGCTAGAAT	TTCTGGGGTC	ACTGTTGCCA	GGCCCAACAG	ATAACAGTGC
	TTAAGTATGT	CTCTTATGGG	TATCTGCAGA	GAAAACGGAA	GGGTTTCCTA
473601		ATTCAGAAAT	GATTGAGGAC	GACCCTGGAC	TTAAATATGT
473651	GGAATAATAA TACCCACTGA	CTCTCTGATC	ACAAACTCAT	CAAGACGTAG	ACCTTCCTAT
473701 473751	CCTCATCTTA	CAAGTGAGTA	AACAGTGATT	CTAGAAGGTT	GTTGCCAGCT
	CAGCAAGGAG	GCTCAACAGA	CAAGAGGCAG	CCACCACCAA	GCTTGGCAGC
473801	CAGCAAGGAG	TGTGGTACGA	GAGAATTAAC	TGCACAAGTT	GTCCTGTGAC
473851 473901	TGCCACAGAG	ATGCCATGTG	GGAGAGGAGG	GAGAAGGAGG	AAAGGTGAGG
473951	GGAAGGGGGG	AGGAAGGAGA	GGGGGGAAGA	GGAAGGAGGG	GAGGGGGAAG
474001	AGGAAGGAGG	GGAGGGGGAA	AAAGGAAGGA	GAGGAGGAGG	AAGAGGAAGG
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474151	CCACCCCACC	CCACTCCCCC	ACCCCCATCC	CCTGCAAGGA	AACAGGCAGG
474201	CCTGTCCCTT	CTTGCCTTGT	CTAGGGGCAA	TGCATCCTGC	AGAGCTGGTT
474251	CATGGTTTGA		ATTGAGAGAC	ACTGCTTTCC	TGGGTGTTCT
474301	GTGTTTCCTG	GTGGTACCTC	ATTTCCCAGA	TGTCCCGGCT	TTCCGGGAGG
474351	CGATGCTTTC	CCACGTGTGT	GGCAGTTCCT	GGATGTACCT	CAGTCCCAGA
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474451	TCGCTTTTCC	TGGATGTACT	GTATTCTGTT	GTTACGAGGA	GCAGAGAACT
474501	CACTCTGCTT		CCCTTGTTCT	GTGGCTCCCA	GATGCATGAT
474551	TAGGCAGGGT		GCGTTATTAC	AGGGCTCCAC	ACACATCCCT
474601	AAGTGGAGAG		AGGCGCTAGC	GGTACACAAA	CTAAGCTTTG
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474701	TCTAGAATCT		GTTCTGAATC	ATGAGTACAT	CTGTGCCACA
474751	GAAAGTCAAG		TGGCTCTTCC	TCCAGGACCC	TGGGGTCTTA
474801	AGCAGTTCCT		CTTAAGCGGG	CATGGATGCC	TGACAAGGCA
474851	AAGATTCTGT				CTCTTCTGTC
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474951	GTCTAGCTGC		TGGATATGAT		ATGCTTGACC
475001	CAGGGAATTG				AGGCGTGTCA
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475101	TTCAACTAGO				CTCCTCCTGT
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475251	GTTGCCTTGC			AGTAAAACCC	TAACCAAAAC
475301	AGTAGAATAT				
475351	CCTTGTTAGG				AGGGAGTCGA
475401	GGAGGGCCAG				AAATATCCCA
475451	GGCCGGGTA			A TTGGGTCACT	
475501	CCTTTAAAA			CATAATTTT	r atgagagaag

475551	ATGTTTTCAA	GGCTCTCTGA	CACGCTTTTG		CTCAAGATGC
475601	CACTACCTCC	CACCTGGATT	GACCTTACCT	CTTTTATTCA	GTTCTTGACC
475651	TTGTCACCCT	TCTGATAGCT	GCCATCTTCA	GTGTTTCAGG	ATGCTGTCCT
475701	GTCAGAATTC	TGCTGTTGGT	CAAGGCGACC		GCGTCCTCTG
475751	GACACAAATC	CTGGTCTTTG	TGGACAAACA	CACTTTCTCA	GGATGTCTCT
475801	GTAGACACGC	CATGTCTGGG	TCTCTCTGTC	CACTTGCATG	CTTGTTTTGC
475851	CCCCCTGTTT	AAGGGACATC	TCTGTTCATC	TTGTAGTCCC	CTACAGCAGT
475901	GGTTCTAAAC	CTATGGGTCA	GGATTCCTGT	GTGTGTGTGT	GGCGGGGGG
475951	GGGGGGGTGT	GCGGGGGCGG	GGGGGGGTG	TCAAATGATT	CTTTCATAGG
476001	AGTTGTCTAA	GACCATTGGA	AAATAGCAGA	TATTTGCATT	ACAATCTGCA
476051	ACCCCAGCAA	ACTTACGCTT	TTCTGTGGTA	TCAGTTATCA	GTGGCTAACA
476101	CAAATCTAAA	TGTCTTAAAT	GGAAAATTCC	AGAAGTAAAT	AATTCACACA
476151	TTTTAAATTG	CATTCTACTT	TGAGTGGGGC	CCTGAAATCT	CACTCTGCCC
476201	TGGCTGGGCT	GGGCAGAGTC	AACTGTTTGT	CACGTGTATC	TGCCCTGTGC
476251	CGTCTATCAC	TGAAGAGTAC	ACAACACTAT	CAGGTCAACT	GGCAACAGAA
476301	TCAGAGCTGC	TGTTCAAACA	GCCTTCGTTT	TACTTGATAA	ATAGCATTAA
476351	AGTTATAAAA	TTTTTGACGG	TCCTAGAATG	GGGGTGTGTC	AAAGAGAAGC
476401	CACAAAGTGC	TTCCTTTAAG	TAAAAGGGTG	ATACCTATAA	CAGAGTTGTG
476451	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTTTGTCTG
476501	TGTGTAAGAG	TAAATACCAT	ATGCACCATG	TTTACCACTA	TCTATGGTTT
476551	CATGGATGCC	CCGGGAGTCT	TGAAACATCT	CCTGTAGATA	AAAAGGGGAA
476601	ATACCTTGGT	CACTTTTCCT	GTTGCAGTGA	TAAAATGTTC	TGACAAGAAA
476651	AATGAAAGGA	AGAAAGGTTT	TGTTTGGGCT	TGTAATTTCA	GAGTACAGTC
476701	AGTCCGTCAT	AGCGAGTCTG	TCATAGTGGC	AGAAGTGTGA	AGTAGCTGAT
476751	CGTGTTGAAT	CTGCAGTCAG	GATGAAGAGA	GCAATGAGTG	CCAATGTTCA
476801	CCTCGCTTCC	GTGCTCCCCT	CACTTCCGGT	AATGAGTGTT	AGTGCTCCCC
476851	TCACTTCCAG	CTATGAGTCC	CAGTGCTCTG	ATGGCTTCCG	TGCTCCCCTC
476901	ACTTCCGGTA	ATGAGTGTTA	GTGCTCTCCT	CACTTCCGCC	TTACTACGGG
476951	GTACAGGACC	TGAGCCCAGG	AAAGGGTGTC	GTCCTCCTTC	AGAGTGAATC
477001	TTCTGACCGG	AATCAACCCA	ATCTGGATAA	TCTCTCACAG	GTATGCTTAG
477051	AGGCCTGTCT	GCTGGGCGAT	ATCAGGTTTT	GTCCAGTGAC	AATCAACACT
477101	ATTGAAGGAA		TAAATGTGGC	AATGAACTGC	CTTTGGACAA
477151	GACTGGTGAG		CTTAGGCTTC	CCTCAGAGAG	ATTCAAGCAT
477201	CTTGGAGAAC	TTAGAAGGGC	ACTGGGTTTA	ATGCAGTGCT	ATTTGAAATA
477251	TGTGTATCTT	TGTGTAGGTT	TGTGCACAGG	GGTGCAGTGC	CCATAAAGGC
477301	CAGAAGAAGG		TTTAGAGCTT	GAATTATAGG	TAGTTGTAAG CAAAAATGTA
477351	CTCCCTAATC	TTGGTGCTGG	GCCCCAAACT	CAGTCCTCTG	TGAAATTCTT
477401	CATGTTTTA		CATCTCTCCA		GCCAAACCAG
477451	AACCATCCCC	TAGTAAGGCC	CACATTTTCA		CTTATTTTTT
477501	TTATGTAGCT		ATGCAAACGG	AGAGGTTGTA TAGCTATGCT	ATAGATGAGT
477551	GTGTCTTAAT		TCCTATTAGA		GCTGGTGACA
477601	GAGTTTTAGT			TTCCATGGTT	GGAGGTGTTC
477651	CATCTTCATT		TGTTTTGAAC TACTCACGAG		
477701	CTATCTTACG				
477751	TGGGAAAAA				
477801	CTTTGTCACC				
477851	ACCCCCTTCC				
477901	CTTTGAAATA				
477951	TACAAATTCG				
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478201 478251	GAAGGCAAGA				
478251	TCAGGCCAGT		_		
478351	GTCTTGGTTT				
	AGACAGACAC	_			
478401 478451	GTGGATGGCT				
478501	TGAAAAACAG			-	
478551	GACCCAGTGO				
478601					TATTCACAATA
4,000T	O. T. H. H. H. H. H. H.				

478651 AGATTAAAGC ACCCAATGGC CCAACAGTGA ATGGATGGAT GGGTGGATTA 478701 AATAACCTGT GCCATATACG TACCACAGGG GCTTGATAAC GATGCCATTC 478751 CAAGAAAAAT AGGGCATTAT TTTGGTACAC CAAGCACTTC ACAATAAGGG 478801 CAAGACTGAA GTTCGTCTGG CCTGCCAAAT GTGGAGGGGA ATTCTGTAGA 478851 ATAGTCTTAT AGGCATAACG GTCAGACTTC AAGCCCCCAT TATCCATCTC 478901 AGTAGAGAAG ACTGTGGTGG TCACTATTCT ATGGCTGGGC AGAGACACCA 478951 GCACCAAGGC AATTCTTATT AAAGAAAAGC ATTTAATTGT GGGCTTGTGT 479001 ATAGTTTTAG AGGTTTAGTG TGTTGTCATG GAGAGAAGCA TGGTGGCACA 479051 CAGGCGGACA TGGTGCTGGA GAAGTAACTG AGAGTCCTGC ATCCTAATCC 479151 AGACTGACTG ACTCTCTGGG CTTGGCATGG GCTTTTAAAG CCTCAAAGCC 479201 CACCCCAGT GACACACTTC CTCCAACAAG GCCACACCTC CTAATTCTTT TAACCATTCC AAATAGTGCC AGTCCCTGGT AACTAAGCAT TCAAATATGT 479251 GAGCCTATGG GAAACATTCT CAGTCAAACT ACCACAAAGA CTGAGGACTG 479301 TGACCACACC TCAGCATCCA AGTTGACACC TGTCTTTTAG GCTCTAATGC 479351 CAAAGAGAAT CTTTACACCC AAATCTCTGC CCCATCAACC TTTACGGCCC 479401 TCCACTTTC CTATTCTCCC CATCTGCAAG CAAAGGGATA TGGACACTTC 479451 TAAATATGCT AGACTGGGGA CAATCATACT AGACTGGAGA CCCATCATAC 479501 TAGACTGGGG ACCATCATAC TAGGCTGGGG ACCATTATAC TAGGCTGGGG 479551 ACTGTCATAC TAGTCTAGGA CTGTCATACT ATCTGAGGAC TGTCATACTA 479601 GGCTAGGGAC CATCATACTA GACTGGAGAC CATCATACTA GGCTAGGGAC 479651 479701 CATCATACTA GTTTGGAACT GTCATACTAG ACTGGGGACC ATCATACTAG 479751 GCTGGGGACC ATCACATACT AGGCTGGGGA CTGTCATACT AGTCTGGGAC 479801 TGTCATACTC TCTGGGGACT GTCATACTAG GCTAGGGACC ATCATACTAG
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480401 TCATACTAGG CTGGGGACTG TCATACTAGG CTAGGGACCA TCATACTAGA CTGGAGACCA TCATACTGGG CTAGGGACCA TCATACTAGG CTGGGGACCA 480451 TCATACTAGA TTGGGGACCA TCATACTAGG CTAGGGAAAA TCATATAGGC 480501 TGGGGACCGT CATACTAGAT TGGGGACCAT CATACTAGGC TGGGGACCAT 480551 480601 CATACTAGGC TGGGGACCAT CATGCTAGGC TGGGGACTGT CATACTAGAC TGGGGACCAT CATACTAGGC TGGGGACCAT CATACTAGTC TGGGGACCAT 480651 480701 CATACTAGAC TGGGGACCAT CATACTAGGC TGGGGACTGT CATACTAGGG 480751 CGGGACTGTC ATACTAGGCT GGGAACCGTC GTACTATCCT TATCCTTCTA 480801 TGTTCTCCTG CCCTTTCAGT GATTTCTCCC CTCCCCCATC TGTGCATTAA
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482151	TCTGAGTTTC	AAGAAGCTAT	GGAAATTCAC	AAGAGGGCC	CTCCCTTCCC
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482901	GAGTGATGTG	AATTCAACAT	GCAAAATGGC	TGGTGCTCAG	CCCAGGAGTG
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483151	CTGGCTGTCA	TCTCAGGCAT	AGCTCACTCT	TATCCCTACA	AATATCTCTT
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483251		AGCCAGGTCC	CTGGCATCCA	GAATGTGCCT	AATAAAAACA
483301	CATGTTGTAA		ATGAATGAAT	GACTTTTTTT	CATGCAAAGA
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483551	CGAACAAGCT	TTCTTTAACT	GGTTTCTCAG	TGGGGTAACC	TCTCATTTCC
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101001					

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493251	TTATTTTCTT		CCCCAAGTCT	CCAAGGCAGA	GTCCACGGAG
493301	TTCTAGCAGA		GTGTCTATAT	AATATAGATT	
493351	TATAATTCAT	TAAATAAAAC	CTAGCTGTCT		
493401	CTCCTCTCCC	TACACATGTG			
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493501	CCAAAGGCTG	CCTCGTGTCT	CGGTTAGCA		
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493901	ACAGCAGGTT				
493951	GAGGGGGGAG				
494001	GCAGCAGCAG				
494051	AGAAATTAGA				
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494251		TCCTTTCAAA	GGAAACTCTG	ACAACCACTT	CTAATCTGCG
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494601	GGCAGCCTAT	CCCTGCTGTT	TTCTTAGCAG	TAAAAGGAAG	GAAGGAGAGA
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507801	CATTTCAGCC	ACCACCAAGA	ACACTGCCCT	AGAGGTGCAC	ACATGTGAGC
507851	GTTAGTCAGA	AACATCCACA	TGCCCCTGAC	TGAACCAACC	ATGGGGGGTC
507901	ATCACCTCTT	CCCTAAGCTT	GGCTGGGATG	CCTCGTGGCA	GAAGGCACGG
507951	TGTGAAAGGA	ACTCCAGAGC	TCATGTCTGT	TTTCCTGGCA	AGTTACAGGT
508001	GTGGGTGCCA	TTGAAGTTCA	TTACAGGGTG	GGATTTCTGA	CAGGGCTACC
508051	CCGGTACGAT	TGTGTGAGTG	GAGCACTACA	CCAGGTCATC	CTATCTGAAG
508101	AGCCATCATT	TAATGTAAAT	AGAGTCAGCT	TGCGTGTTTA	TTATGACAGT
508151	TTTCTCCAGA	TGGCTGCAAT	GTATCATATT	CTGAATCGGT	CCGTGATAAT
508201	GATTTCCCAA	CAGATGTATG	CGTGGTGAGA	GGGTGGGGGT	CCTCAGTGGG
508251	GGGAGGGCA	CTTTGGGCTG	GCTGTAGCTG	ATTCTGGTTC	TGGTCCACTG
508301	ATTTTTTTT	TCCGTTTCTA	TGAGGAAGTC	CGTAGTGGTA	AATTAATTAA
508351	ATAAATCCGG		ATTCTTCGCT	ACCCACTGCA	
508401	TTCCTGAATG		ACACACACAC	ACACACACAC	ACACACACAC
508451	ACACACACAC	CCTTTATATT	TTAATATGCC	TTATGTAGCC	CAATAGCTGG
508501	GCCACTTCCT		TGGCTAATCC	ACTTCCCTCT	
508551	AGTTATCATT		TGTATTCTAC	CTTGGCTGCC	
508601	TTGGGCGGCC		ACACTCTCCT	GGCTCTTAAA	
508651	GCCTCTCTGT		CTCAGATGTA		
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508751	TGCCCAGCCA		ACATCTTTAT		
508801	GGAACCAGGC		CCTATTCCTA		
508851	TAAGAGGTCT				
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508951	ACCTTTCTAT				
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509051	TCATGGTTAG				
509101	AAGAGGGACT				
509151	TGGGGGGCAG				
509201	AAGCTCACTC				
509251	CAAACTGAGT				
509301	TATCTCCAGO				
509351	CATGTGACCT				
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509451	GAGCACCAG				
509501	TGATCCCAT( GCTTCCTCC'				
509551 509601	GTTTTTTTT			TGACCAATT	
TOOROCT	G111111TT.	. 1111100111	. CINCORCITE		

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509751	GTTCCTTATC	TCCTCTAAAA	GACACAAAAA	GAAACATTTT	TTTTAGAGAA
509801	AAGGTAGTGG	GTTCTGAAAT	TTCCTCCTTC	CTCCCTCTTG	CCCCCCCCC
509851	CCCCCAGCCT	CACTGACCCC	CTGGCAGCTG	TCAGGGTGAC	TTCTCCCCGC
509901	ATCTTTACTT	CTCTTTGCAA	GCTTGGGGAG	AAAGAGGAAG	TATAGGGACG
509951	GGTGGGAGTG	GTGGCGCTGC	TCAAAGATCT	TCTGGAGGTA	AGCCACCTAG
510001	ACCCTACAAT	TCCTGAAAGA	ACCAGGAGAG	CACACAGCCC	AACAGGTCTG
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510251	GGTGAGCACA	TCGCTCGCTC	CCCTTCTGGG	GTGAGTGAAA	CAGCAGTAGA
510301	GACCCTCAGT	AGTTAGCCTG	GCAAGTTCTT	TGAGCAACTC	CGCACACTAT
510351	GGAGTGCTCT	GTGGGTAAAG	ACTGTCACAG	GGAGAGGTCC	GAGTGAGAAG
510401	GAAAGGCTGC	TTGAGATCCT	GAGCCGGAAC	AGGCAGGTCT	ACGCAGGATG
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510601	CCCGACACAG	GTAATGGCTC	ACACTTCCTG	AGTGCCCGGG	GCTTGCCTGA
510651	GTGTGTTGTT	ATCTGCGCTA	ATTCCTTGAA	TCTTCTCAAA	TTCCCCAGGA
510701	AAGGGCAAGC	AAGGTTTGGG	TCTCCGTGGA	ACAGATGAAG	ATACTATACA
510751	AAACACAAAG	CAATCTGAAG	CTCAGAACTG	GTCACTTGAT	GATGGATAGT
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510851	ACACCATGAC	CAAGGCAACT	CTTGTTAGGG	ACAACATTTA	ATTGGGGCTG
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510951	GCAGCAGGTC	AGCAGACACG	GTGCTGGAGA	AGGAGCTGGG	AAGTCTACAT
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511751	CAGATAAAAA		TGAAAGCATT	CCTAATAATC	AGAATAGTAA
511/51	CCGTTGCAGA		CTGACAGGCT		
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512851	GGTAGGGTAC	GACATCCTGA	GCTATTAGTG	GCAGGAGTCA	CAGACTGGCT
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	ATCCCACATA	AGAAGAGCAT	GGCAGGAGGG	CAGCTGTGCT	TTCGATTCCT
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513351	CCAGATTGGA	AGTGCTGAAG	GACCCAGCTC	TATGGTTGTT	GGGCCCCTGT
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513451	ACACACAGCC	TCCAGGACCA	AGGAACTACT	AGATCTCAGC	TCTCAGGTGG
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513651	TGTAGGCGAG	AAATTGGCAC	AGGTGCAAGG	CACAGTAGCA	CCGTGACTTT
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513851	CATGCCATGA	TGTGTGTGCT	TTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
513901	GTGTGTGTGC	ATGCACACGA	CTGTGCTGTG	CTTTCCTACG	CATGCGTACG
513951	TGGACACCAG	AGCTCATCTT	TGGATGCCTT	TCTCTTTTGC	CCTTTACCTT
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		CCCCTAACTG	TTAAAGACCT	CTTAGGAGAC	TCAGGATAGT
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514251	AAAATCTCAA	ATGCAGTCCA	CTTGTGAAAT	CATCATTTGA	TCTTTTAATG
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516251	AGGACCATGA	CATTAAAACA	TGGAAGAAAT	AATAATGAAT	GGTCGAAAGA
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516351	AAAAGATGAC	AGATGAAAGG	CTACATATAT	GCCCAGGGTA	ATGAACCTGG
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516451	GAGGAACTAA	CTCAAGATGT	CATCAGGCTG	CTGAAATAGA	CGGGAGTCAG
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516551	AAAAATGACA	TGAGTTCAAG	ACCAGCCTGG	GCTGCATGCA	CCACAAGACC
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516651	AGTCTATTGC	ACATGTCGGG	ACCACAGTGG	GGATTAGTCA	CCAGGACCAA
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516751	TGGTATACTC	CAGTGAGACT	AGGAAGTTAC	AGAGGGGAAA	AAAAAGTACT
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516951	ACAAAGAGTA	CATGACTTCA	ATGGAAAGAT	GGGGACTAAT	GACACAACAC
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517301	ACAATGTTGC	TGACAGTTTC	AGGAAACCAC	AACCTGAAGT	TCCTCCCCCT
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520351	CATCTATAAA	TCCATCATCT	ATAAATCTAT	CTATTCACCC	ATTAACCTAT
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521451	GGTTGTTCAT	TAATCTGCTC	TAAGCCCCCT	GGGCCACAAT	
521501	TACATGTTGG	CAGTGTCTCT	GTCCTACACT	TCTCAGGCTG	
521551	TGTCCCTGGC	AATGGTGATT	CTCTTCCTTC	TTCCTGTGGT	
521601	GCCTGAGAAA		TGCCTCTGTC	TCCTTACTCC	
521651	TGCTGGCAAA		AATTAGAACC		
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521801	GTCCCTTACA				
521851	CACCCCCAGG				
521901	GCACAGCTTG				
521951	CTCAGGTGGT				
522001	CCAGGCTGCT	GGTCAGGTCT	CAGAGTCTGC	AGCCTGGCTT	GTTTGAGAGT

522051	CTTCACAGCT	CATCTTTCCT	TCTCTAACGG	GGACTTTCTG	CTTTTATTGC
522101	TTTCTCTGGT	TGATCCCTCC	CACCCGTGAA	TCTTGTCAGT	TTCAGGAACT
522151	TCCTGAAGAT	CATTTATTGA	CTTGTTTACC	TTCCTGCTTG	AGATTCCCTG
522201	CAGGATGGGT	GTTTCAATCT	TAGAGGAAAC	AAGAACAATA	ATCTTGTTGT
522251	GATAAATCTC	CAACCCAAAT	AAGCTCTGGC		TGACTCAATT
522301	AATAGGAATA	CATGCTGTGC	ACCTAGATTG	GGCAGATCTA	CCAATACCAT
522351	CTTCCACATC	TATGAGACCC	ATCCAGGCCA	TGTGCTTCTG	CTCTGCTTTT
522401	CTTCTTCCTC	CTTTTCTGTG	CCCTCTCCCT	CTCCCATTTT	CTCCTCCTTC
522451	TCTCTTCCCA	CCTTCCTCTC	CACCTTCCCT	TTTATCTGCC	CAATCATCAG
522501	TTCTCCTTTA	TTTTACAAAT	TGAGGTGGGA	AGCAGGTTTA	CAGGAAATCA
522551	CCTGAGTGCT	GACTCATTCC	TTGTTCACAA	CCACTCACAA	GAGAATTGAC
522601	CTTAAATATA	ATTAGCCCCA	GGGCTATCCA	CAACAATGGG	GTGTTTCAAT
522651	CTTAGAGGAA	ACAAGAACAA	TAATCCCCCC	AAAAGAGAAC	TAATCCCGCA
522701	TGAAGGTACA	GAGAAGGTAA	GCGTAGAAAG	ACTTCGATGC	CTGCAAAGAA
522751	ACCAGTCCTG	CTTACAGCCT	AAGAGTTAGG	AAGATATTGG	TTGTTTATAC
522801	CAGCCAATCT	GTGGGACTCC	GCTATGGAAA	TCATAGGAAA	CTAACACAGT
522851	GACCTAACAT	AGAATTGGGG	GGGGGGTCT	CAGCATCAAA	TAGCAGTAAT
522901	AGTAACAGTG	TCACTATTTA	CTAAGCAGAT	CCTGTGAGCC	AGGGTTTGGG
522951	TTACACACAT	CCTCCCCCAC	CCAAGTATTA	TCTCATTTAG	TATTCATGTA
523001	ACCTCCGTGA	GTCATAACCT	TTCCCCTTCC	CCCAATCTTC	TAAGACGATG
523051	CTGAGGCTCC	CAGAGCCCAA	GGCTACCTAA	TTACAAAACT	ACTAACTGGA
523101	GGCATAGGAT	CTAGAATTGA	GGTCTGACTA	GGGCCATTAT	ATCCTGGTAC
523151	AAAGAAAATG	GCTTCTCGTC	TTTTGGGCAC	AGAAAGCCCC	TGTGTCAGAG
523201	GGCAGGGGCT	AGCGAGCAGA	GGGCTGGTTG	GCTTTCAGTC	CTCCTTGCCT
523251	CTTTGGGCAA	ACCTCCACTT	TACAATGACC	TGCTCTGTAG	CACAGGTGCT
523301	CAGTTGTTAT	ATTGGACCAG	CTGGGGGTTG	AGGTGGCTGT	GGTAGCATCA
523351	GGAGGTACAC	AGGGGTCATG	AGTATTGGGG	TGCAGTTGAG	AAAGAGGCCC
523401	CGGGGGCTCC	TTGTGACCTT	TAGGAAGGCA	TTAGACCTCC	CTTCAGCCCT
523451	GTTCTGCTCA	CTGGCCTTAG	CACACCCCCA	ATCCCTCCGG	TCTCTCAGTC CTATTGACCT
523501	AGCAAGAAAT	CTAGTTTGCA	GGATCACGTG	CTAGGATGAC TACCACCAAA	CCAAAAAGCC
523551	TTTTACCACC	ATCCTCGCCG	TCCCTACTAT		TCAGCGTCTA
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523651	TGCCTTTCCT CATGAAGAGG	CACAATTAAA GAAAAGGGAC	CTTTGACACC	GTAAATATTT	AATCACCATT
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523751 523801	GAGATGTCCA GAAGCAACAA		AGTGGTGGGG	CAGGGGGTGG	GACAGGGGGT
523851	GGGGCAGGGG		GTGGAGCAGG	GGTGGGCAGG	GAGTGGGGAA
523901	CGGGGTGGGG		GCAGGGGTCG	GAGGTCGGGG	TAACCTAAAA
523951	CATGCCATCT	TTAGAGCTTA	AAGTGGCTCA	CATTCCTATT	CACTAAGTGT
524001	GCCTGAGCTA		TAGATTTATT	AATTTATTTA	TCTCTTTAAA
524051	TATTGGGCGG		GATGAGATCT	GGAGGTGAAG	AAGTCTGACG
524101	CTCTCCTCCT		TGGTAACCAT	GAAGAGACAC	GAAATTTCTA
524151	GACTATATCG		TGGAGTTCAG	ACGTGGGGGA	GAAAATGTCT
524201	AAAGAAGGAA		TGTCTGTTCG	GTTTTGTGTC	TTGTTTGAAA
524251	ATACACTTCA		AGTATTTCGG	AGATCATAAC	TGCCTATGCC
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524501	CACCAACCGT	TTGGAAATAA	AGGGCATGCA	ATTTGCCAAG	
524551	GAAGGGCCAT	CCCGCATCTC	TTCTGGATCT	TTCTTTGAGG	
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524651	GGGGTGGGGT	GGTGGCTGAG	GTATGGGCAT	GGTAAGGGGG	
524701	CTGGCATCAG			AGGTACAGGG	
524751	GGGGTGCTGA			AGGACACCCC	GTGGAGCCAA
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525051	AGAAAGGATT				
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525151 CCCCGCCCCC CGCCCCCGC CCCCGCCTCT CCTCTCTTC GTTTTATGTC 525201 ACATCTTAGT AAAAGATTTT TGAAAAGACA AAATGAAGCC AGGCATGGTT 525251 GCATGTGCCC GCAATGCTAA CACTAGAGAG GTTAAAGCAG AAGAGTTTCT 525301 ACTTTGAGGC CAGCCTGGGC TATACGGCAA GAGGCTATCT TAAAACGCAG 525351 GGAGCAGGGG GATTGAAAAG ATGACTGCTC TTGCAGAAGA CCAAGGTTTG GTTCCCAAGG CCTACACAGT GGCTCACAAA TGTCTGTTAC TCCAGAGCCA 525401 AGGGATCCAG TGCCCTCTTC TGGCTTCTGG AGACACTAGG CACACACACA 525451 GTATGTGGTA TATACACAAG CAAATACTTA TAAACGTGAA ATGCAATGAT 525501 TTTTTTCCC CAAAGGACTG GGAGACGTCT CAATCAGGAA AAGTGCTTGC 525551 TATACAAGCT TGGGGGGTCT GACTTTGGAT CCCCATGTAA ATACTGGGCG 525601 TGATGGTGTA TGTCAGTAAC CCCTAGGCCA GTGGGATGGA AAACATGAAT 525651 525701 CCCTCGGGCT CACTGATCAA TTAGCCTGTC CAGCCAAATC AGTGGGCTTC AGATTCTGTA GACGCCAGTG CTGACCTCTG ACCTTCATTT GCACGCGCAC 525751 ACACGCGCAC ATCCAACCCC TTGCCTGCCC CCTCCCCCCC CACACATTAA 525801 525851 AAAAGAGGGG AAAGCCAAAA GCAGCAGAAG GCCAAGAAAA GTATTCAGCT 525901 CTTACATTTG AGATTTGGTG CGCGAGACGC TTAGCATCAG CAATCCAATG 525951 GAACCATCAC GCCCTCAATA CTTCCCAAGC ATGGATGAGG ACAAGAAACG 526001 CTTCCCCAGT CTTCCCCAGG ACCACGTGCC CAGCCACCAG CCAGCCACTG 526051 CCCATACTCA GAACTCATTC CAGGCTACAT GGCGATATTT CGTAGGGAGG 526101 GCAAGGACTG TGGAATAAGC CGCGTGTGCT CCGCAGAGAG CGCCAGATTG 526151 CTCGCCCAGA AGTCCAGCCA CTTCATCGTC AGCTGAGAGA ATCTCCCCAC 526201 CAGAATCTCG AGGAAGCGGA AGCACAAGCG ACTGTGGAGC TATCTGCCTG TTAATCTTAT CTTCTGCTAT TCATTTTAAG AGTTTGAGTT ATTATTAATA 526251 TGAAGGTCTG CTTTATGGCA GCTCTTCTTG TTGAATGAGT TTGTGCCAAG 526301 CTGCCTGCCA GTTATCAAGG GACTCAGGGG CCCAGGGTTA CACTAACAGC 526351 GAGTCCCTGA GATGTGATGA CAGAGACATG AAAAGATTTT TTTTTTTTT 526401 526451 GTCCTAAGAG GGATCAGTAT TTTATGTTTA CCCTCAATAA CCTTTTGGCG 526501 CTTCATTTCA AAGGAACATT AAGAAAAAA TACAAGCAAG GATAGCCACA 526551 CATTTCAAAA ATAAATCTTT ATTTATAAAA AAAAATTTAA TTTTAATTTA 526601 AAATTAATTT AAATTAATTT AATCAATTAA TTTAGTTAAC TTAAAAATTA AATAACTTTA ATTTTAATTT TAAGAGACCA CCCAGGTTGC AGAAGTGTCC 526651 TAAAGCTGAA GATGTAATTA GCCGATGAGT TTGCCTACTT CCTGCAGATC 526701 TAGAAAACTC GATGGTCGCT GATGACTTAA CGGTATTTTG CTGTCAATCA 526751 AGGGCGGCCT CAGATCCTTC ACCACAGGCA GAGCAAGTGT CGGAAGAAAC 526801 TTCACCTTCC TGAGTCAGGG CCGTAGTCTG TTTTCTATTG CTGTGAGAAA 526851 CACCATGACA AAAAGCAAGC TGAGGGGGAA AGGGTTAATT TCATCCTGCA 526901 GCCTACAGCC CATCCTGAGG AGAAGAGAGG TCAGGACCTG AAACAGAGGC 526951 CATAGAGGAA CACTGCTTAC TGAACTGCTC TCTGCCCTTG CTGATCCAAC 527001 TCAGGACCCT TTGCCCAAGG GTGGCAGCAC CTGCAGTGGG CTGGTCCTTC 527051 CCACATCAAT TAATAATAAT AATGATAATA ATAATAAGAA TAAGAATAAT 527101 527151 AATGGCCTGC AGATGTGCTA CAGACCAGTC TGATGGCGGC AAATTCTCCA CTGAAATTCC ATCTTCCCAG ATGATACTTG TCTGTGTCAA GGTGACAAAA 527201 527251 ACTTAACCAG CCCAGCCTGC CGCTTCTGTA ACACAGCACC GAGTGCCAGG 527301 GTAGTTTATG TCCTGGACTC TGCAGCCTCT GAGAAAAATT GGCATTTACC 527351 ACCCTTTCCA AAGGCCCTTA TAATATTGAA GGCTCTTACA GGCCGTAAAG 527401 AAAGGCAGCG TTGGGACTTT ACGCAAAGAA CAGTGGTTTT GAATGTCCAC 527451 CTCTGTTCTT TTGTCTGTAA GTGTTACTCT TCTGGGAAGC AATATGTAAT 527501 CCAACTCTGC TGAGTCATGA CAGAGAAAGC TGACAACTGA AATGTTGAG GTGAGCCCAT CACACAATCC AGCCTTCTTA CAGGAACTAA CACTGGGTAC 527551 TGTCACCAAG CATAGAAGGT TACTCTCCAT CCATCCATCC ATCCATCCAT 527601 CCATCCATCC ATCCAAGGCC ATGTTGACTG ACAGCAGGAC CTGATCTTAC 527651 ACTCCCTCAG CTCTTGCGCG CGCCAGACTC GACCAGCAAG GACGCTGCAA 527701 CAGGATCCTT CTGCACACGT TTATTGGGAG AGCTTGATTG TAGAGGCGAA 527751 GAGACCCCGA GCCCAGAACT GGTGCTGCTT TTATAGGCCT AGGAGAGGCG 527801 TGTCTTACAC CAGGATTGGT TATGCACTAC GCCTCATTTG CATGTTCCTC 527851 ATCTGATTGG CTACTCTCTC TCTCTCTGTA CCTCACAGAG CCTCATTATC 527901 ATACCTCATT TGCATGTCTC ACATCTGATT AGTTATACTC TCAAAGCCTC 527951 ATTACCATGC CCGGGCCAGG CACTGTCTTT GCAAAAAACT TTACTGCATA TGTACACATT GGTTGTTTGT CCAAACTTAT ACGTGGTGGC CAGCAGTAGT 528001 528051 528101 CAGTGCCACT CTGCAACGGC ACATGTGGCT TCCCACACTC AGCCACACCT 528151 TGAAAACTTG TTTAAAGTGT GGATATTCTT GACCAATGGT CCTTGTCTGT 528201 GGATGGAGAA ACACTGAGAG GGAGAGAGAC AAGAATGCTG GGGGAGGAAG

528251	GGCAGGCCCA	CCTGGCCAGC	CAGCTTAGTC	AGCTCAACTG	CGATCAATGA
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	CATTCTTAGT	TGCTTCTGGC	TCCCATCAAC	CCAATCAGCC	CTTTAAAGTA
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	TAATTAATAC GCATTTAGAA				
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534201	AGACACAGG'				A GCTTGAAATC
	TCGAGATTG				
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534401	AAGCCTGCT	G AGAGCCTCCT	. TAATCACTG	acaggatite	A AAGAGCAGAA

ACGGAGGGCT ACAGGAGTTG CTATTGTTTT GCTGTAAAAT GAATCCGAGG 534501 TGTACGTTTA TTGTGTACCA GGGTGCCTTG AAACATTTCC CCTAAGGTAT 534551 ATTGATATGC GGGTAGAAAG GCACTCCCCT CCCGCCCTGC AAAGCACACC 534601 TTACCAAATA TTAGTCTTAT TATTCATGGA GAAAAAAAA GGCTTCCGGT 534651 534701 CACTCGCTCC TTCTCTGCTA GGGCAAGCAC ATAGCCATTT AATTTCACTA 534801 CCAATGGTTT AGCCTTGCTG TAAGCATACA ACTTAATATT TAATATCTTC 534851 CTTTATATAT CTTCATAATC TAATCGCTAA AGTTTGGTAA ATCACTGCCT 534901 TTTTTTTTT ACTTCTCTGT TGAAAGACTT GAAACCTCCC CTGCCCCCCC 534951 CCACGCTCCA CGCGCCCCCA TTTTACTTTA AGTGTTAGGC AGTTTGTCTG 535001 TGGGGTTAAC AGCAACAGCT CAGAGGCCCA CAGCAGGTAA CTACCACGGA 535051 AGTCCAAGCT TTGCCATCTG ACAGCTGTGT CGATGTGCAG AGCCAAAACA 535101 TTTCTCTTGA CTGCATCTAC CTAGTGGGTA CTGGAGGACT CGGTTTCCTT 535151 CCAAACCCAG CATGCATCCT GAATACACTC AAAAGCCAGT TTTTGGCTCA 535201 ATCAGGTGTT CCTACTTGCA TCGGGATGGG GAGGGGCAGG ATTAGTCTAG 535251 AGCTGTTTAT CCTTCTTCCT GAGAGAGAGC TGCCCCTTGG AAATCAAGCA 535301 AGGGATAAAC ACAGGCTGCC AAAAATCTGG AATAGGGGGG AAAATAAATA 535351 ATTAATTAAA CAGGTCCCTG TACAGTGCTT CTTGCTCCTG TTATTTATTG 535401 AGAACTCCCA GGGCGCCCAG AGCTGTGTGT TCTGAAAGAT GGGGTCTCTA 535451 CCCTCTGAGC TTGTCATCCA AGTTAAATGA TATACTCAGG TTCAAACAAT 535501 AGCTTTCCTT GGCTGCACAG GTGGGAGCTG GGAGTTTGCC TTTTCTTTCC AAAGGCCACA ATTTGCTAAC CAATTAAATA GGCAGATAAG ATACTTAACT 535701 CAACAAATAC TTGTTTGATG GCCTGCTTGT GTGAGCCTGT GAGCTATGCT 535751 GGATGCCACC GACTGTGCCA GCAAAGAGAC AATAGCAGGT TGCAACCCTG 535801 TTTAATGGGG TCATGGGATC AGTGTGGCCT CGGTTGTCAC TCACGGAGAA 535851 535901 TGTTGTCACG GAGATTGCAT TTCTTTTTCG GGTCTTGAAT GTGTTTTTGA 535951 GAGGCGTGCT GAATTATAGG TGCCTGAAAC AGGAGTTGGA CCTGAAACAC 536001 TCCATAGAGG GAGCCCCAGC AGACTGCAAC AGCTAACCCT TCCTAGCAAA 536051 CACAGGCTCT CCCACCCGA TTTTCTTTCT TTCCTTCTTT TCATCAGCAA 536101 TTCACAGGCT GCCAAGGCTC AAGTGTCTAG ATTTGCTTGC CTTCTTCTAT 536151 CCCCTCCCTT GCCAGCTGGT ACCTGTATGG CCCATCTTCC ACCAACCCAT 536201 GGTAATGATG GCACTGGCCA GGCAGTGTTT GGTCTCTTAT CTCCCAACTG 536251 CTCATTCTCG TCCCTGCTGA GGATTAATTT CTGAGATGCA ACGAGTGTGT 536301 ACTCAATGTT TCACACACAA GGCACTCCCC CCTCCCTCTC CCCCTCCTCC TCCTCTTCCT TCTTCTCCTC CTATTTCTTA CCTTGCCACC AAATTTCAGT
GTGTGCTTTC ACAGAGATCA TCCGTTAGCT GCAGACCCCA AGCCCACCAT 536351 536401 AATGGCCAAT CTCTGCAGGC CCACTCTCTG AGGCCCCTGA TGGGCATCAG 536451 AGTAACAGGC CCTCCCGTAG AGAGTTTTGT GACAGCTTGA CACAAGTTAA 536501 AGTCACCTGA GAGGAGGGAA CCTCCATGTG ATTGGACTGT GGGCCTGCAA 536551 GCCTGTAGGG CATTTTCTCA GTAAAGGCTT GATGGGGAAG GACCCAGCCT 536601 ATTGTGGGCG GGGCTACCCC TGGCTGCTAC TCCTGGGTTC TATAAGAATG 536651 CAGGCTGAGC AATCCAGTTA AGCAACACTT GGCTGTGGTG CTATGGCCTC 536701 TGCATCAGCT CCTGCATCCA GGTTCCTGCC CTGACTTTCT TCAGTGGTGA 536751 536801 TTTTGATCAT ACTGTTTGAC CCCAGCAAAT AGAAACCCTA ACTGATATCC 536851 CTCCCCAAAT GATGCTTCCG TGAGTCCTTC AGCAAGCCCG ACAGGCTGGT 536901 TCTGTGAAAA GCATCCCATT TTCCAGATTG AAGAAGCTAT GGTCAATAAC 536951 AACATGAATG CCAAAGTCTT GAAGCTCAAA CCTAGGCCTC CTGGTATATA 537001 GCTCTGTATT CTTTTGGCCA TCCTGGTTCT TCTGGAAATG TCCCCTGAAA 537051 GTTCCCTAAT TTAAAAAGGC AGAAAATGAT TGCCCTTAGG GCAGTGGTTC 537101 TCAACCTGTG GGTCGCGACC CTCTGGGAGA GAGGTGAATG ACCCGTTTGC 537151 AGGGGTCACC ATGTCAGAGA GCGTGTCTTT ATAGTGCAAT TCATAACAGC 537201 AGCAAAATTG CAGTAATGAA CTTAGCAATG AAAATAATTT TATGGGAAGG 537251 GGCGTGTCAC AATATGAGAA ACTATTAAAG GTCACAGCGT TAGGAGGGTT 537301 GAGTAGCACT GGTCTACAAT GTGACTTTGA GAGTAGAGGG TACCTTCTGA 537351 AGACAGTATT TGCCACTAAT TTTATGTTGA GCTTTAAAAC ATTACATGGC 537401 TTATTTCTT CATTATGTTC TACAATGTAC CTGTGTTTAG ATTAATATAG 537451 AAGTGAATGT TTTTAATTAT GTGCTTTAGT TTATGAAGTT AATTTAACTA 537501

537551 CACCCCTTCT GGCACAGGAA TTCCCGAAAG GTGTGTTTGG GTCTGTGAAG 537601 ATAGATTATG CTAGATTTGT TTGGCTGCCT CAGTTGGGTC CTAGGGTTGC 537651 CTATGGATTA AATACAACTG TTAGCCCTCT GTAGAGGCTA TTGTATTTTC TCATAGTTTG GCTTATAGCA TTGATTCTTT AGTTCTTTCT ATCTGTTGCA 537701 TCATAGTTTG GCTTATAGCA TTGATTCTTT AGTTCTTTCT ATCTGTTGCA 537751 GGTAGATATG TACACACCCC CCCTTTCTTC ACACTCACAC AACTCTGATG 537801 TAATTCAGTT GTCATGCAGA TATGCAACCA CAAGATGATT GCATAGTCTC 537851 CACCAACCAC AGCCAAGACG CATGTCACTA CTGTGAGGTG ATAGCCCAGT 537901 TCTACTTGGC AGTGTGACCC GCTGACCTCA AAATACAGTC TTCCTGTGTT 538001 CATCTGTAGA CTAGATGGGC AATTTTACCT TTACACACAT CTGACATGCA 538051 AGGGGTGGAT TAACACAGGA CAAGTGTAAT GATGGAGCCC ACTTAGAAAG 538101 TGGGAAAAG CAATCATAGC TGCTATCTTC TGAGCAGTTA TCATGGCTGG 538151 GTTTGTGCAG AGCAATTTAC ATGCCTTATT TTCTGTTGAT TCTCAGTCAC 538201 CATATGAGGC AAGGACTTTA GTTATTATGA TGATTATAGA TGAGAAAATT 538251 GAAGCACTGA GAGCTTCGGT TAGGTTCCTA GTTTGCAAAT AGCGAAGGAT 538301 TTAGAGCTTA TGTGATCGGG CTCTAGGACC TGGGTTTTTA GCCACTGCTG 538351 TGGACAGTCA GTCCCCACAG ACGATGAGTT TTAGTGTTCA GCCTATCCTG 538401 TGTGGGGCAG GCGAGGCTCC AATTGATAAG ACAAGACCAG CTGTTTGTAG 538451 GTGATGGAGC AGAGAATCCT TGTTTGGGAA CAGAGTTTTT GAGTTTACAT 538501 CTCTCACCAT CTGAATTACT GTCTGGTGCC CCGTGTGGTT TCTCAGCCAT 538551 TCATTTTTT GCTAATATTG TTTTTGGCAT TTGGGCCTGT AAATAACCTT 538601 CATGAGTGTT ACCTCTTCAA GCCCCAGTAC CTAGTGCAGT ATCTGTTGTG 538651 CAGCCAGACA CTAAGAAGTG TCTATTGAAT GAACAAGTGA CGGCTCTTGG 538701 AGGATCAAAT TGGAAATAAA TGCACTCTAT ACTTAGCGGC AATATTGTCC TGGTTCTGGT CACCATATAT TCCCTTACTC GTCTTCCTTT TCTTAATAGC 538751 TGGTTCTGGT CACCATATAT TCCCTTAGTC TCAGGGTTAG ATGCTATCCT 538801 TGATGTGTTT AGGATICTT ATAGCAATAG CCAGACTGCT TGTGTTACAA
ATCTACTCTC CGGCTCTTC ATAGCAATAG CCAGACTGCT TGTGTTACAA
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539251 TGAGGTCCCT CCCTACCAGA CTGGAAGCTG AGCTACAAGA CTTTCAGACA
539301 AAGCAAGCTA CGAAGAAGAC TCTGGACCCC ACCAGCTGCC TGAAAGAGGC
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540651 TTCAGAGGTT CAGTCCCGTA TCATCAAGGC AGACATGATG CAGGCTGAGA 540701 GTTTTACATC TTCATCTGAA GGCTGCTAGC CGAATATTGA CTTTCAGGCA 540751 GCTAGGATGA GGGTCTTAAA GCCCACACCC ACACTGACAC ACTCCAAGGC 540801 CACACTTCCT AATAGTGCCA CTCCCCGGGC CAAGTATATA TGAACCATCA 540851 CAGCCAATGT TCATGTTACC ATAGCTGATT CCCCCCTCCC CAACCCCCAT TACTTGAAAA TAGCTTTCCC CTGCTCCTTC CATAATATAT CAGGATTACA 540901 540951 GTTATCTCTG TCCCTCTATT CCTCTCAGTT CCTCCCCACC TCCCCAGCCA 541001 CCCAGGTTCA CCATCTTTCT GTCTCTCACT CGAAAACAGA CTTCTAAGAG 541051 ATAATGATAA AATAAAGTAT AATAAGATAA AACAAGAGCT AATGCATCGG 541101 AATAGGACTA AACAAACAGA AGAAAAAGAG CCTCCTAAAA AGGCACAAGA 541151 AACAGATATA GATGCAGAGA CACACACCCC TTCCTCATTC GCCATAATCC 541201 CATAAAAACA CTAACTGGGA GCCATAATAA GCAAAGGACT TACAAGGTAG 541251 ACATTTACAC ATATATATTA TATTACATAT AATATATACA TGTGTATATA TATCCCTGCC ACAATATTGT GAGATGAACT TCTAAAGATG CCATTGGACT 541301 541351 CATTTCTAT TGGCCATCTA GTGCTGGGCA TGTGGCCTAC CGTGAAGAGT 541401 AGTTTGTTTC CCGAGTAAGA CTGCCTTGGA GGAAGCTAAA TTTTCATTTT 541451 CAAGCGGTTA TCAGTTGAAG GTGGCTTCTG GGCTAGAGAT GGGGACATGG 541501 GTACACTTCT CTTTTCTGCT GTAGGACCCC ATGTGGCACA GAGCAGTGCA
541501 GGCTCTGTGT GTGCATGCT CTGTGAGTCT TGTGAGTCTG
541601 AATCCTGGTG ATGTTCCCCG GAGAGCCTCC ATCCCTCTG GTCCTTATAC
541651 TCTCTCTGCC TTCTCTTCTG CAGGGTCTGA GCCCTGATTG GGGTGGGAG
541701 TGTTAATGGA GACTCCCGTT AAAGGCTTAG ACTTCCACA GTACCTGGTT 541751 TAATGTATTA GTTCCTCTGC TCCACTATTG CTTGGAGTGC TTTCTTCAGA 541801 GAAGTTAGTG GTTGGGGAAC TTGGCACTAT TTTTAGCCCA ACAACCATGC 541851 TGTTATACAG ACTTCAAAAC TTTTCTGTAA AGAGCCAGGT TGTTAACATT 541901 TTACTCTTTG CAAACTACTC TTAATCTCTT AATTATGGTT AATCTCTTAA 541951 TCATAGCTAC TGACCTCATG TTGTTCTCTG AATGAAGCCA GGGATTGGTA 542001 TATAAATAAG CCCACAGAGC TAGGGCCCTA TGAAATATTA TGGACACTGA 542051 AACCTGAATT CCTTCTCATT TTTATTTGTC ATGAATTATT CTCACCCCTC 542101 CCCCTAAATT TCAAATCATT TAAAAAACGTA AGAACTACTC TTGGCTCACA 542151 GGCTATTCGA ATACAGGCCA GATGTGGCCC ACTGGTAGTG GCTTGCCAAT 542201 GGCTGCTCTC CTGGAAAGTT GGGGAGGAAA GCAAGCCTTC TCCAAGGCTG 542251 CTATTCCATC TAGAAGGGGC CATGACAGAA GGGCTTGGAA GCCCTAAGCA 542301 AGGGTGTCAT CATCAGCAGA GGGAGACCCA GAAGGCTCCA GAGCAGGGGC 542351 AGGACGCTTG AGCGGTGTCT TGAAGCTTAG TGAAGAAGGC AGACAAGGGA 542401 GTGCTGGAGA GCATCCAGCT TGCTCGCAAG TGGGATGTTG AATGAGTCTC
542451 TGAGCCACAA GCCACTTACC CTGGCTGGGG AGTGTCCAGA ATTGAGTGTG CAGGACCAGA TGGCGAAGGG CATAATGAGA CAAGCAAAGG TGGGTAGGTT 542501 CAGGACCAGA TGGCGAAGGG CATAATGAGA CARGCATT TTAAAATAAA
542551 TACCCGGATG GTCACTTTCA GACTTTCCAA ACCTTGCTTT TTAAAATAAA
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543201 CTTCTGAAGA CAAACAAGAC TTCCTGAGAG CCACAACCCC ATCCCCACCC
543251 CCGCTGCGCA TGCGCACCAT AGCTGGGTGC CTACTTTGCC AAGAAACCTG AGGGCCAGTG CAAGTGCTCA TGGGAGGACA CCCTGGTCAG TGTAAAGAGA 543301 ACCTTGAGTG TAGTTAAGGG TGTGAGGGAG TGAAGAGGAG AGTGGCAGTG 543351 GGCTGTAGGA CGAAGTCGCA GCCCTTCCAA CAGGACCCCC TAGGCTGTGG 543401 GAAGAGATTA GATTTTAGTC TCAAAGCCTG GGAGAGCTTT TTGAAGGGAA 543451 GCAGGATGAT TGGATTTGAA TTTCTAAGTA ATGGCTGGCC TGTGGGGAAT 543501 GGCTGGCCCT GTGGAAGGAG GAGAGCCTGC AGGAGGCTCT TACAGTATTG 543551 CCGGGACAGA AATGATGTTG CTTCTAGCCA AGAGTGAGAA GAGAGGATGC 543601 543651 AAATGGACTG TTATTTACTG TCATAAGCCG ACGGATAATG AGGACCTGAA 543701 CTGCATTCCG GCCATGAACA CAGAAAGGAA GGAGGGGATG AGATAGCTCA

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545501 CTTGATTTAC TTGCCTATAT TTGTGAGCTT ACTCTTATAT GTATTATAG
545551 AGCAGACAT TAGCCAACAA CAAGTGAATG GATGAATGGA AATATGGATG 545601 GATGGATGGA TGGATGGATG GTTGGATGGA TGGATAATTG GGTAGGTGGG 545651 TGGGTGGTA GATAAGTGGG TAGATGGGTA GATGCATGGG TGGATGGATG 545701 GATGGATAGA TAAGTGGGTA GATGGTGGAA AAGTGGGTAG ATGGGTGGAT GAACGGAAAT ATGGATGGAT GGATAAGTGG GTAGATGTGT GGATAGATGG 545751 545801 GGTTGGTTGG GTGAAAGGAT GGTTGGGTGA GTGGTAGGTG GATGGTTGGA 545851 TGAATGGATA GATAGGTAAG CAGATAGACC AGGTAGGTGA ATGAGTGTAT 545901 545951 GGGTGGTGGG TAGAAGGATG GATGAAGAAA ATTCAGAGAG GAGAAATGAC 546001 TATCTAAATT CTCTCAACTC CTAAGAAATA GAGCTTGACT GTGAATCTGA 546051 TAGTTTAATC TCTTGTTATA ACTTTAGAGT TGAAATTTCT AATTCTTTCT 546101 ACCCCTCCCA GCTTCACTAG TAACTTTCAG AGTTGAAAGA ATGTTAGCGC 546151 CGGGCGTGGT GGCGCACGCC TTTAATCCCA GCACTCGGGA GGCAGAGGCA 546201 GGTGGATTTC TGAGTTCGAG GCCAGCCTGG ACTACAAAGT GAGTTCCAGG 546251 ACAGCCAGGT TACAGAAAAC CAGTCTCATA AAGAATACTA AAATGAAGAC 546301 AAGCAAGGAA GAATGTAGCT ATAGTCACTA GTTATAAACG GCCCTGGCAT TCGACCTCTA ATACTCATAT GAAGTCACGA ACAGGATTAC ACTGTATAGC 546351 ACGGGCTGTC AACTGGAACC ACGCATAAGC AGGAAGTGCC TGAAGCTAGA
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546851 AACCAAACAG CAGCAGAGAC CACACAAAGA AAAGCACACA AAGTGACCCA GCCACATAAA CAAACAGAAA CAAGCACACG CACCAAAAAA GACAAAACAA 546901 GAAGAACAGA AAAAAAACAC AACAACAGCA ACAACAGCCA ACCTAAGXXX 546951 XXXXXXXXX XXXXXXATA CTCATTTTT TTTTAAGACA GGGTTTCTCT 547001 GTATAGCCCT GGCTGTCCTG GAACTCACTT TGTAGACCAG GTTGGCTTCG AACTCAGAAA TCCTCCTGCC TCTGCCTCCC AATTTTTATT TTTATATCGT 547051 547101 ATTTTTTGTT GTTGTTGTTG TGTGTATTTG TAAGCATTGC ATGGTGCACA 547151 TGTGGGAGCC AGAAGTTGTT GTGTGTGTAT GCATGAGCAT TGCATGGTGT 547201 547251 ATGTGTGGGA GCCAGAAGTT GTTGTGTGT TATGCATGAG CATTGCATGG TGTACGTGTG GGAGCCAGAG GATTACCTTT AGAAATCAGT TCCCTTCTTC 547301 CACATGTGGG TCCTAGGGAT TGAACTTAGG TCCTCAGGCC TATCAGCAAG 547351 TGCTTTTACC CACGAAGCCA TTCCCCTAGC CCTGAATTAA GTTATTCTAA 547401 TTATGAGAAG AGACAGCTTC TTTATTTTGT TCAGAGCATG TGTCAAATAC 547451 547501 TTTGTTCTGT TCTTAGAGTC ACATTATTTT ATTTTGTTAC AGTTGCGGCT TGTATGTTGC TGTTATGAGG CCATGTGTCT CCATACAGCC CAGTCTAAGC 547551 TTAAGACTTG AAATGTAACC CAGGTTTGCC TCAAATCCAT GATCTTTCTG 547601 547651 CCTTAGCCTC TTGGATACTG GGAAATAAAT GTGTGCATGA CCACAAATGG ATTTAGAGAC ACATTTTAAA TAGTGGTACA CTCAGTTACT AGGCTATCTA 547701 TGGATCAGAA GCTGTCTCTT GTGAGTTATT GATAAGCTGT GGATATGAGA 547751 547801 TTAGGTTTAG ATACCTGGTA TGAGAATGTG GGGAATAGTA ACTTACTATC GCTCCCCAAC GCAGACCAAG ACCCACTGTT TACAAGGGAC AAATCTTGCC 547851 TCGGTTGAAG AACTCTGTAA TGATTAAACC TACTTAGCAG TGTTCCTTAC 547901 TTGCCTGATG AGATATTGAT TGAAAGTATC CAAACATTGA TCTATGTGTT 547951 TATTTATTCA TTCAATAAAC ACTTATCGAC ATCTTACTAC AAGCTGGATG 548001 CTGAGGTGGA GGCTGCTCTC AAACTAGAGA ATAAGACAAA CTGTGGTAGA 548051 GCTCAGAGTC TTCTGGGAGA TAGACAATAA GTACAATTTT TAAAACAATT 548101 ATAGGTATTC TGAAGGAAAT GAGCTGACTG CTATGATTCA GAGTAAGAAC 548151 CGGGAATGAG GAGAGACGAG TTCCTGGGTT GCTGAAGAGT TAGCTTAAAA 548201 TCTGAAATAT CCAAAAGAGT CGGTCCACAG GGAACTGGAG GAGAAGCAGC 548251 AAAGAATAG CGTGTGGCGA GACCTGAGGT GGAAAGATGG CAATGCATCC 548301 CTGAAAGAAA GCTGCTGTAG GAGCAAAAGC AGCTTAAAGG AGGAGAGCTA 548351 548401 AGGGATGTCT CTGCAGTCAT CAGGGGACCA GCACAGGTGG GGTCTCAGGT 548451 CTCTGGGTAT AATTCTGAGT GTAATGGGCA ACATTGAAGA CTGTTGAGGA AGGTCTAACT TGTCTTAAAG ACCACCTTGA CTGCAGGATG GAGGACAAGT 548501 TGTGGTTTTA AGTGAGAGAA CAGTTGATCA GGAGGGAGGT GCTGGGAGCT 548551 548601 CAGCCTGGGT AGATGCCATG GAGAGGAAGA GGAGGATGGG CTGGAGAATG CTGGAAAATC TGGCTTGGAT AACAGAGCCA GTCATGGGAG CAGAATCTCT 548651 GGGATTGACT GGTGGTCCTG TTGACTGTGT TGAGTTAGTG TTGAGGAACA 548701 GAGTAACAAG AGAGAAAGCC TAGACAGCAT CTTTCAGGAA CTCTGAAGCC 548751 548801 GTGCACGGAT GGGGTGGTTC TCATGACACA ATGACATCAG TGTGTTTGGA 548851 GAGATTGGGG AAGGTACTTG GCACTTGTCG GCAGCATGTA GGGGGCACTT 548901 CTGGCATCTT GTGGAGAGTA GACCAAGATG GCCCAAGAGA CATACCTCAA 548951 GATGGAAATG ACTCCACTCA GAACACCATT AGCTTTCTCG TGGACAGATT TTGGTGGACT ACCTCCTTCG GTTTAAGAGG CTGGAGGATC CCGTTTCCAT 549001 GCTGCCTACC ATTCATAGCT TTTGGGGAAT GATTTAAGTT GTCTTTTCAA 549051 549101 AAACATTTAG CTGAAATTAC CTAGAGGGAA GAAAAGAGAT GGTATGAACC AGGAACATAA AACCCGAAGG AGGAAGTAGA ATGGTCTTGG AGAGGGGGCT 549151 TTAGCAGCAG GTAGGATGAG GAAGTGGACG ACTCAGGGCA GGAATAGAAG 549201 GACATGTGAA GTCTGTGCCT CTTTCAAGTG TCTTCTGCAG GGGAGCTATC 549251 CCCTGAGACA TTGTCACACA GCTCTTCCCT CAGCCCCCTT CTGCATCAGC 549301 CTCCTGCACA CCTTGGGTTC CTCCCATGAC TCTGAATCCC TATGAAAATG 549351 TCCCCTTGGA TGGCCCCATA CATGTCATAA ACTTAGCTGG AACCCAGTCG 549401 ATGCTGTCTG TTCCAGAAGA ACTGGAAGAA CGTGACAACC TGAGCAGCTA 549451 ATGAAGTCCC ACTCTAACTT GAGTAAAAGG TTTGTTTGGT TTGTTTGGTT 549501 549551 TGTTTTGTTT CCAGTTCTTT AGCTTGATGA CGATGACTTC CTAATTATTG 549601 TCATGCACAC GATGTCACTT GAGTCTCGCG GCAGTGCTGG AGCTAGGCGG 549651 GGCACGAGGT AGGGATGTGT CCATTGTACA ATGTGGTGAC CCGAAGAAAC 549701 CCACTTGCCC AAATCAAGCA GACTGTCAGA GACTAGAAAT TGGAATTCAG AGTCTTACTA ACCGGGTCCC TGATGAATCA CAAATAGCAA AGGATGGAGA CCCTGTTTGA AAACAAGAGT AACCCAAGGG AACAGAATAC AAGATGAACT 549751 549801 549851 GCCCAAGAGG GCATTTTATA AACCCGAGAA ATTAATAAGC ACCAGCTGCC 549901 ATTCATTCGC CTTTGTCTTA TAAGGAAAAA CCAACCTCAG GAGTCTTCTT

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561551	CCATGGCTGA	GCAGTGTGTC	GTGTGAATTG	GACGAGGTTT	CGCTTATGCA
561601	AAATTCCACC	CATTTTGGGT	AGCTGTGACT	CATGGTTCTT	TCCTGCACTC
561651	CTCCTCTGAT	CCCATTCTTT	TTCCATAGCT	GCCCAGCCAA	ACTGGCCCAA
561701	GGAGCAATGT			CGGCTTTTTT	TTTTTTCCTG
561751	CATGGATATC			AAGTCCAAGA	GGTCCCCTGT
561801	GCCCCTGGTC	TGGGGGCCTG			
561851	TGAGAGATGC				
561901	TAGTGCGTTT				
561951	CTCTCCAGCA				
562001	CCTTCAAAGA				
562051	ATGTAGCCCT				
562101	ATCTACCTGC				
	CGTGCTTGAC				
562151	TAAAACCCTA				
562201					
562251	CTTCCCATTC				
562301	AGTCAGAGTA	TACACACACA	CACACACAC	A CACACACACA	CACACACA

562351	CACACATACA	CACACACACA	CACACACACA	CATACACACA	CACACATACA
562401				TACACACACA	CATACACACA
562451	CACACACACA	CACATACACA	CACACATATA	CAGGCAGGCA	AGCAAGCAAG
562501	AGGGGATGTA		CTCCTATTTT	TACTGAACTT	GTGTATAGCT
562551	GGGCAGTGGT			GCACTTGGGA	GGCAGAGGCA
562601	GGCGGATTTC		GCCAGCCTGG	TCTATAGAGT	GAGTTCTAGG
562651	ACAGCCAGGG		ACCCTGTCTT	GAAAACGTGT	GTGTGTGTGT
562701	GTGTGTGTGT		GTGTGTTGTG	TTTATATGAA	CGTATATTTA
562751	CTATAACATG	TTAAAATACT	TGCCTTCTAA	CTATTCTGAT	GGCTAAAGAG
562801	TACTCTACTT	TTTACACTAC	TGTTTAGGTA	ACCCTGTTTG	TTTTTACACT
562851	ATTGTTTACA	GACTCCTATT	ATTTACATAG	TTCCCTACTG	TTGATATTTA
562901	GTTAGCTCTA	GACATTTACT	TATAACAGGA	TGTTACAATG	AATATATGTG
562951	AATATGTCTG	TGTGTGTGCC	CACACGTGCA	CACACACACA	CACACACACA
563001	CACACACACA	CACACACACA	CAGAAAGGCT	TCTGGGCCCA	AGAATACATG
563051	CTTTATAATT	TTCATGACAA	ATTCTAGATA	GTCTCCCAGA	TGGATCCTAG
563101	TTCCAGCATC	CCTGTCACAT	ACCCATTCAC	ACCCATCATC	TACGGTGAGC
563151	ACGCCGTGCC	CAGGAACTCG	TTTAGGAAAT	TGTTGGTAGG	TCCTGGCAAG
563201	GCATACCTAG	AAACAGCAAG	TGTTTTTGAG	AAAGAAAGGC	TTCCCTGCCT
563251	CATTTGGATT	GCTGAAGGAT	GCTGGTGCCT	CCTCTTCAAG	ATGTCAAGTA
563301	AACAGATCCT	TGGCATAGCC	CTCCTGTCTT	CCCAGTGGCT	GCAAGCGTCG
563351	ATGGCGCAAG	ACCCTGTAAC	AGCTGCGAGA	CAGCTCCCGA	CGCACCAACC
563401	ACGGATGAGG	GATGGTGTTT	TTCTAAATTA	TTTTATGTCT	CTTCTTATTT
563451	TAAAGCAAAT	TTCAGACACT	ATGACATTTA	CCCCAAGATA	TTTCATTATG
563501	CCTCTCTGAG	AAATTATTAT	CGTGTTCCCA	ACTGTGACTA	TAATGTCATT
563551	ATCACAGTTA	ACAAAATTAT	CTGTAATTCC	TCAGGATTAT	CTACTGAATA
563601	TAGCTGAAAT	TTCACAATTG	ATTAAAAAATA	CACTTAAAAT	TATTTGGTTC
563651	AAATCGATGT	CTGGGGCACA	CTTGGGTGCC	TCTGGCCTAA	GGCACCCCTC
563701	CCACTTAATT	TTCTCTCTCC	CACTGGCTTC	CTGAAAAGCC	AGGTTCTAGG
563751	GCCTGCAGTG	GCTCTCATGT	GGATTTGCCT	GTTTGTTTCC	TGTGTCATTT
563801	AAGCTTGCTC	TGTGACTTTT	GCTTCCGAAG	CTCCTTGGAA	GTTAGCACTG
563851	GAGATTTGAC	TGGGTTCATT	CAGGTTGAAG	GTCAGAGTTC	CGAATGTGGT
563901	ACAGAGAGCT	TCCCTGAGGA	GGAAGCCTGA	CAGGATGACT	TCCTGAAATA
563951	GGACGGAAGC	AGCAACCTTT	CTTGGGCCTT	ACTTGAGAAT	CCTGTCAGTT
564001	TTTTTTTTT	CCGTTGTTTA	ACTTCCCCCC	TCCCTTTCCA	GAAGCCCAGA
564051	AGCTGTTTAA	TTCTGAGCTA	AGTCATAGTG	TAACTTATGA	GTTGGTCATG
564101	AGTTAGCAAG	TTTGCCACTT	ACTGGCTCGG	TGCCTGCTTG	CCCCCTTGGG
564151	TCCAGGCACG	TAACTCTTTT	CTATAGGGCC	ACCTTGCTCA	GTGGAACATT
564201	TCTGTGCTGA	TAGAAGAAGT	ATTCTATGCC	AGCACTTGAC	AGTACAGCAG
564251	CACTGGCTGC	GGGTGAGCTG	TGAGTGCTTC	AGGTATGGCT	AGCAGGAGTG
564301	AGAAACTGGA		AATCTAAATA	GCCTTGTGTG	GTTAGTGGCT
564351	ACCATCTTGG		TCTAGAGTCA	TTTTCAAATG	AGCCACAGAT
564401	CTTTCCTACC	ACCCTGAGAC	CTAACTGCTG	CTATTTTAAA	
564451	CCCTTTGATT		GAGAAGGGGG	TGGGTAGGTG	
564501	AGTGATTCTC		TGGTTGTCCT	GGAACTCACT	
564551	GGCTGGCCTC		AGATCTTCTT	TCTTGCCTCT	
564601	TGCTGGGATT		GCCACCACTG	CCTGGCTTTA	
564651	TTTAAAAGTC		TATGGGGTCA		
564701	GTGTCTGCAG			AAGATTAGGT	
564751	CACTAGCGAT			TGAAGTTACA	
564801	AGTGCCTGGA				
564851	AAAGAGCTGG				
564901	GGGGTAGGG				
564951	AAAGAATCTT				
565001	GACTAATGTO				
565051	TCAGGAGTTA				
565101	CTGGGACCC				
565151	TGACCTCCTT				
565201	GAAAAATAAT				
565251	ATTAGTCCC				
565301	AAGTTCAAAC				
565351	AATCTCCAAC				
565401	CGCCTCTTG	G TCTTGGCACI	. CATCIGICCE	AGGCCCCAAT	GGCTICTIGT

565451	CTCCCTCCAG	AGTAGACAGC	AGGATCCACA	CAGGCTGTAG	AACCTGTGCC
565501	CACCCCATGA	TCACTCACTC	CGCTGCTCAC	TGACTCTTTT	CTGCCTTGTT
	CTGCTCTTTC		TCCTCGTACT	TCAGGTACTC	TGGACTAACT
565551					
565601	GGGACTCTTT	AAACAAAACA	AAACATAAAA	ACCCAAACAT	GTTTGGGCTG
565651	ACCAGATGAC	TCAGTGGTTA	AGAGCCCTGA	CTACTCTTCC	AGAGGATGTG
565701	GGTTCAACTC		TATGGTGGCT	CACAACCATC	TGCAACTGTA
			CACTTCTGGA	TTCAGGGAGC	ACAAAGTATG
565751	GCCTCAAGGG	ATCCAATACC			
565801	CCTATGATGC	CCAGACATCC	ATGCAAAAAA	GACCCATACA	CATAAATAAA
565851	TTGAAGCAAG	CAAACAAAAA	CCCGTACAGG	AACCTAAATG	ACTGTTGTAG
	GCGTCACTCT	CTATAAAAGA	CCCACCGTGA	GCCTGGATTC	TCCCTTTCCA
565901					TTAGTCCACA
565951	CCTTAGCATC	TCTGTAACGG	TCAGGTGTAC	CATATAATTG	
566001	TTTATAGATG	AGGCCACTGT	CGACCCACTC	CAACCCCATG	CATGTTAAGT
566051	TCACGAGGGT	GAGATTTCTT	TCCCAATCTG	TTCCCTGCCC	CCACTCTACC
	CCATAGCCCA	ACACTGTGTT	CTCTGCCATT	TTCCTGAGCA	CCAAACAGTA
566101					ACACTCGGGT
566151	TACAGGCGAT	CAGTAAATGT	TTGTTGACCG	ACGATGAATG	
566201	GTCTAATTGC	CAAACCTCAG	AATACTGATT	CACACCTGCA	TCTATTTTCT
566251	ATGTAAACAC	ACACACACAC	TTCTATCCCT	GTGAACTTGT	CGGGGTTGCT
		TGGCTACGTG	AAACCACAGA	CTAAGCCATG	CAAATATATG
566301	TTAGAATGCA				
566351	TTGAACAGAT	ACTGCCTTTA	GCTTCAAGGT	CACTCTTGGA	
566401	GAAAGCTGTT	AACTTGCAGT	TTCTGATAGA	GCCAAGCTAA	GAACTTGTGG
566451	AAACAAGCTT	CTGCCTGTAA	GAATACTGCC	TCCAAATTGA	AGTGTGGCTA
			TTTGTCTCTT	GGCCAAAAGG	ATACACTGTA
566501	TCTGTGAGTT	TTTTGATGAC			
566551	CTTGGCATTG	TCAGCCTTGT	GGAAGATGGA	GTTATGATTA	AGAAATATAT
566601	TCTCTCACCC	AGTCTACTGT	CTGCCCCCAC	CCCATGCAGT	GTGTGTGTGT
566651	GTGTGTGTGT	GTGTGTGTGT	GTGTGTATAC	CAGCGACACA	CATATGAAGC
		ACCTATTTAT	AGAATTTTAT	TATTGGCTGA	ATTTCCAATG
566701	AAGAAATGTT				
566751	GAGAGTTTTT	CAGAGTTGGG	GTGGGGGTGG	GGTTGCTTCC	AGGTATCACG
566801	TGACTAGGAA	AGGATATGGC	CTTAGGATTA	ATCTATAGGT	CTTACTATTC
566851	TGATCTTCAG	AATACTTAAT	AGAAATTATA	TTTCTTTTTG	TTTTTTTAAA
		TCTTGGTGAG	AATTTGACTT	CAAACTGTCC	AGAGGTTATT
566901	TGAAGGTTGT				TTCCTCATCC
566951	TATGAAATTA	AAGAAGAAAC	GCCTGTGTTC	TACAAGCTCG	
567001	CATGAAGAAC	ATCTACATCT	ACCTAACAGC	TGGGAAGGAG	GTAGGTGAAG
567051	CTGCTGCTTA	CTGCTCCTGA	CTTATGAATA	GGAATTATCT	CACTGATGTC
567101	ATTATACAGT	GGCAAAGCTT	TTACTTTGAG	CCGCCAGGTT	TAAACAGCGC
	TGCGGGCTTT	GAGAAGACCT	ATGGTGGGCC	AAGAGAGTAG	AATTAAAACC
567151			ACTAAGCAAG	AAGTATTACC	CATTTAGACA
567201	CGTAGTGACT	GTCATCAGTA			
567251	ATTTTATTAT	TGGCTATATT	TCCAGGGCCA	GATTTTTCAG	AGGGGGGTGT
567301	ACTTGCAAAT	GGGCGCATAA	TCAGCAGAGT	AACTGAATTT	ACACGTTTAT
567351	TGTGTGGGCA	CTGAGTGCTT	AGCTGCATTT	ATGAGTGTGC	CCAATGGGAC
567401	TGGCTTTGGA		AATACCAGGC	CACCATCTCA	TACACATTCA
			ACTCATCCCC	ACCCCGCAAA	
567451	TGAACCAGGA				-
567501	TATCGGGATG	TTTGTCTTTT	TCTTGTCTCT	GCTTACTGAA	
567551	TATCTTTTCA	ACATTTTATC	TCTAAAAGGA	AACTATTTT	TTTTTTTTT
567601	ACTGAATTCT	TACAATATGG	AAGTCATTGT	GTTTTGTAGG	GTCTGTATGT
567651	GTACTGGGTT		GTGTGTGTGG	ACACATGCAT	GTAATAAAGA
			TGAAATTATT		
567701	ATACTAATGA				
567751	CAGTCTAAGA	. CTGGGAAAGG	CAAGCAGTTC		
567801	ATCTGACGTG	TATATCTACA	. TGTAGATACA	. GATATAACAT	' ATCTCTATGT
567851	ATTGTCTTTA		AACTCAAACT	CGGTCCTGAT	TCTAGAACCC
	ATGCTTTATC				
567901					
567951	AAGTAAGAAG				
568001	AGGGGCCCTT	ACCCTCCCCC			
568051	TCAGGAGGAG	: AGCAATGACT	GTCCTACGTC		
568101	AGGCTAGGGG		AAGTATTCTT	AGAAAGGCCA	CATTGCTCTT
	TTCAGTTTGG				
568151					
568201	CATCTGACT				
568251	CGGTCTACTC	: AGTCAAACAC			
568301	TGAAAGACTI	TTGTCTATTC	AACAAACTGT	GTTTATGAAG	TAACCATTCC
568351	CATTCCCAGG				CAGCCAGAGT
568401	ACTGACTGTC				
568451	ACCAAAGCA?				
568501	CATTTTGCTT	TTGGAGATAC	TGCAAAGCGC	: 'ICATAAATT(	C CCATCCCTAT

GCACAAAGAT ACTTGTAGGA CTCAGAAACC CAGTGCTGTG GGCGCTGTAG 568551 568601 TAGGCTGTAG ACCTTGTACT GTGTGCTGAA GACCCAGTGC TGTGTGCTGA AGACCTGGTG CTGTGGGTTG TAGACCTTGT GCTGTGGGCT GAAGACCCGG 568651 TGCTGTGTGC TTATAAAGAC ACAGTGCTGT GGGCTGTAGA CCACTGTGAA 568701 AGCACCAATA GTTCATAGAT CTTCACTTCC TAGAAAGTAA AGACTTCCAG 568751 TCCCTAATGA CTTACAGCCT GAAGACCTTA GAGACAGTTT TCAAGGGGGT 568801 568851 GGGGAGGGTG TCAAAACGTG TCGTCTCTAT ATTCTTCTCT TTAGTATAAT 568901 TGCAAAAGGT TCTATTGCTT AGTCAACTGT GGTAATCCTA GAACCTAGCA 568951 GGCAGAGGCA GGAGGAAGAC AAAAAAAAA AAAAGCTTGG GCTAGATAGG 569001 GAGACCCTGT CTCCAGAAAA AGACTGAAGC AAAATTCTGC TACTTGGCTG 569051 TGATTGTGCA AGTGTGATCA CCCAAGAGTC CAAATGCAAG GAGAGCCCTT 569101 CCTAGACTCT AGGAAGTTAT TATTAATTTT AAAAAGCCAT AGAAAAAATC 569151 TATAAAGTGG TATTAATACG TGCCCACTAA ACATAATCAT ATGCAGATAT 569201 ATGTACTGAT GAGAAATAGG TTCACAGTAT ATTCATTAGA GAGCAGGTCT 569251 AATGTAATAA TTATAGTATC TTATCTTTTA CGTAGAGTTA TGTGGGTGCT 569301 TAAATATGTT AAATTTATAG ACAGTATAAT TTGAAGAATG TTCTAGAGAC TTGTATTCTC CTGAAGGTTC TTAGCAAGAG AACCTCCTTT GGTCCATTGT 569351 TATTAATGTC TCTACAGTAT TACGGTGCTG GACAGATTCA AAGGCTCGCA 569401 AGTCTGTGCT AAGGAAACTT ACTGTTCACG TTTGCTGGAC CACAGCACCA 569451 TTTTCTCCCA TAACAGCAAT AGCGAGTGCT TATGACACAA ATTATTTAGT 569501 569551 ATGCTTCTGA GACTATGCTT GTAATAACCC TGTGAAGTCG ATTGTCCTAG 569601 TGCCATCTTT ACAGGCAAGG AAACAAGGTT AGAGAGATTA CATGACACTT 569651 AATAAAATCC CTCAGAATTA GAAAGATGTT TTGTGAGTTA TAAGGAAATA 569701 AATATCCACA TTCTCGTTAA TTCCGGCTGC GCCTGTCAGC AGCGCAGAGG 569751 ACCTAAACCG AGAGGGCGCA GTGATCCTGC ATGAAGTCAA CCTAGCATTG 569801 AAGGATCCTC CTCAGATATG CCTTGTTTTC ACCACAAACT CCTTCTAGAA 569851 TTCTCCACTT CTCTACTTAT ACTTCCCAGC ATGCACAGCA TCCCAGGATA 569901 ATGAGTTGTA CAAGTTTTCT TACTACCTGC TATGTGATTT TTGCCTTCAG
569951 GAAATGTGCT AGGCACCACT CGGGTACTCC AAACTTACCT CTGCCTCGGC 570001 TCACTTCCAA GATCAGCCCA GCACCATTGA CTAACTAATG GAAAGTGGGA 570051 AAGAAATTAT CTTAACCCCC CCGCCCCCTT TGTAGTGCTG GGAATAGAAC 570101 CCAGCACCTC GAGCTACACA AGGGCTTGGC TACTAAACTA CCCTGTCAGC 570151 CCTGTCTCCT CTGGTTTCTT TCATTTGCAA CCCCAATGGA ATGGGTGTGA 570201 GTCATCAAGC CAGGAGCTGA AGTGATGGCG ATACCCTAAT ACCACTTCAT 570251 TTCCGCATCT CTTGCCGGAC TCATGCTGAT CATTCTGGGG CAGAGTCATC 570301 ACGTATACCC GGATACTCAT TTCCATAGCG CCACTGATTA TACTGACTGT 570351 CCCTGTATGA AAACGAGGAG ACCTGGCTCC GTGATCCCTA TGGAAGTAAT 570401 TATCCACAGA TCAGAACCTG AATTTGGGAG GACTCACTTG AGAAGGCTCT 570451 AATAATATAG ACTCCTAGGC TCTGCCCCCA GACCCGGGAA GGGTCTGGGC 570501 CGCAGGGGAG TCTGGGAATA CAGTTCTCTC TTGGTATTTT TCTGGGGGTT 570551 GGATTCACAA CGCCCTCAAA AGTTTGCATA TAACCTGTAC ATATCCTCCC 570601 ATATACATTA AATTATCTTT AGATTAGTTA TGATGCCTGA TAGAATGCTT 570651 GCCTATAATG CAATACAATG TTAATAGATA TAAATCACCC TACTGTATCA 570701 CTTAGGGAAT GAGAGGATTG AAATGCACTG TGCACGTATA GGCACAGTGT TGTTTCAAA TGTGTTCGAT CTGCTCTTGG TTGAATTTGC GAGTTCAGGC 570751 ATCACTGGGG TGAACAGGGA TAGCCTTCGG TACTTTGAGA AGTTTCCCAC 570801 570851 GCTACACCAT AACCTAGAAC TCGAGATCTG CCATTGGATG CTACTGTGGA 570901 GACATTCAGG GCTCAAGTTG ACAAATATAC TCTTTGTGCT GTATGACCCT 570951 CCCCCCAGCC CCCAGTGTTG CTTGTGATTC CATCTAATGG ATGCCCTCCT 571001 CCTTTTCAG GTGAGAAGAA TTCCTGTTGC AAACTGCAGT AAACGGAAAT 571051 CCTGTTCAGA GTGCTTAGCA GCGGCAGACC CCCACTGTGG CTGGTGCCTC 571101 CCGTTACAAA GGTATTTCCT GAATCTTTTC TCACCAGCTC ACATTTTTTT TTTCAGAAAG TGTCATGCGG CCCAACACTT GTTGCCCTAC TTTAATGATC 571151 CATTCCACGC TGTGACGAAG CAGAGCTCTC CAGGACTGCA ATGTACGATG 571201 TAACCATAAT TCATTCTTAA AGATGGTTCT TGCCATGTCA GTATCAAGTC
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571651 GACTTGTAGC GGCTTCCTCT CCATGGCAGT TCTTAGCATC GTCGCTGGGA 571701 CCAGCCTGGT TGGATTCACT GTTGCTATGG TAACCCAGTA CTCCAGCTCT 571751 CGCTATAGAA GCAAGGAGGA AAGAGCCTTC ACTGCAGCTC AGGCAGGAAT 571801 GAGAGGGGG AAAAAAACAA GCCACATAGC AGTGGCTGTC AGATTGGTGC 571851 TTTCTGTTTT TTAAAGGTGA ACACAGATTA AAAATAAAAA TAAAAAGAGC 571901 AGAGCAGGTA GGGAAAGGCG GAGGGCAGAG CGAAGGGACG GTAGGGGGAA 571951 TGAAGGGCGA TAGAGAAGTA AATTAGAGAG CTCCTGGGGG GGGGTGCGGG 572351 572401 TGTGTCTTTG GAGAGCTCTG GACAGGAGTT CATTCATGGA TGGTGGTGAC 572451 AGTGGTGGTG TTTAAATAGC CGTGACTACT TGTTTAACAA GCTTCAGTCA 572501 GGAGTTGGTG GGAGATGCCC AAGTTGGTAA TAGAATTTTG GAGTTGGTTG 572551 TATTTTGATG GTCCTTTCAG AAGCCTTAAT AGTATCCGAG CAGGGGGCAG 572601 GGGTGGTGCT AGCTGGAAAG AGATGTTCAA GAGCTGAGTG CTGAAGTACG 572651 GGAGCACTCA AGTACTAGAG CACTCAAGTA CTATGATGTT TAGAAACAGA 572701 AGGGGTGGGG AAAACATGAG GAAGGATCAG AAAGGGGAGA GACAGCGTTT 572751 AAGGAAGGAG TGTGTTGCCA GGCAAGGGAA AGGGGGAAGA GAGCAACGTA 572801 CTGTGCCAGC TCCTGCCAAG GAGGTCAAAG GAAAACGGAT CCGTTGGACT 572851 AGGACAGGGC GATCGATGAC TGTGACAGAG GCCCGTTTTT GGAAGGGTGC 572901 TGGAGCTACA AAAGGACAAT GAGCAGTGAG TGGAGGAGCT CCTTGGGGGT 572951 GTTATGGGGA ACGGTAGAGG AGATATGTCG CCGATTCTGA GGCAAAACGT 573001 AGACTCCAGA CAGTTTAGGA TTCTAAAGTT TATTTGTTTT TCATTACATT 573301
573301
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573351
GAGGCTCTGA GTTTGTATCT GCAGCAACC GAAGACAGGA GGATCCCCGG
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CAACAGGCG CAAACAGGCG CGCGCGCGCA 573551 TGTGCCCAAT CACACTCCAC CTACCAGCTT TTTTTGTGTG TGTTGTTGGG 573601 GAAAATTCCG GTAGGAAGGA GAGGGGTGGG GGGAAGGAGG GTGAATATTG 573651 TGGTGTGTTG TCTTTCAGCA GATGACAGAA AATATGACCT AATCACATCA 573701 GTGGGGAGGG TAGCCTCAGT CCAGGATGGG AGGGAAACAG TAGTGTGGAC 573751 CCCAGAGCTC GTAGAGATAG ATCAGACCTC AGGGTATGTC CATATTGCTC 573801 GGAACCTTCT TTGTGACCTT AGACCAGCAG GAGCCAGGTG TCTGTGTGAG 573851 CCCGGGGAGA GGGAGCCGTG AAATCTGAGG AAGGGAAGCA GGAAGCACAC 573901 AGGAGCTCAG GTAAAGGACA CACACAGAGA GAAAATAGAG TATGGTTGCC TGGCAATATT GGGGCGCACC TGAGGCCGAT GATCTTGCCT TTGAAACAGA 573951 AAGCATGGGT TTGCTTTGCT CATGTAGTCT AGCTCCAGTC CCATCATGGG 574001 AAAGTACGGA GGATAGACTT CAGTTTAGCT AGAGTTTGGG GATAAGTACA 574051 TCAGGGTGGG GCTATGGGAT GACATTGATG TCACCTGTGT GCGGTGGAGG 574101 GAAGTAGGGA CACACTGTGG ATGGGAGACA TGAGAGGGGG GAAAACACCA 574151 CCTGGACTGT GTGGGGGTCA ACGCTGAGGC GATACAGGTG TGGAGGTACC 574201 GGGAATGGTA AGGTCTACAG GACTGTTACG TCATGGCAGC GAGGGTGGAG 574251 AACAAGACTA CTGTGTGAGA AACAGGGACC TCTGTGTGTC AGTCGAAGCC 574301 ACCAGGAACA AGGATGGGCC CACTGGTGAA GAGTAAAGGA CAAATTAGTC 574351 574401 AAGACCTAAA ACTAACTAGT AAGGTGGGTG AGTGTTGGTC CTGTAGGTTT TGTGTAAGGA GTCAGGATGG TATCTATTGC AAACATGAAC TTGAACTCTG 574451 574501 AGAGATGGTC AGAAAGAGAG GAATTATGTG GAGGAGGGCT GTCAGGCCCA 574551 GCTGGGCCAC CTCTAGTAAG TTAAAGGAAG CAGCCAGCCC TCTAGAACAG 574661 TGGTCCTCAA CCTTCCTAAC ACTGACACT TTTAATGCAG TTCCTTGTTG
574651 TGGTAACCC CAACCATAAA ATTATTTTTG TTGCTATTTC TTTTTATTGT 574701 TTTTTTTT TTTCAAGACA GGGTTTCTCT GTATAGCCCT GGCTGTCCTG

574751 GAACTCACTT TATAGACCAG GCTGGCCTCA ATCTCAGAAA TCTGCCTGCC TCTACCTCTC AAATGCTGGG ATTTAAGGTG TGCGCCACCA CGCCCAGCTT 574801 574851 TCGTTGCTGT TTCTTAACTG TAACTTTGCT GTGCGATTTG CTATTGTTAT 574901 GAGTCATGAC ATAAATCTCT GTGATTTCCT GGTGGTCTTA GGTAACCCCT 574951 GTGAGTGGAT TTTTCAACCC TAGAGAGGTT ATGAACCACA GGTTGAGAAC 575001 TGTCGCTTTA GAGGGACATG GGGAAGCTGT GTCCCCTGGG GGAACAGTGA 575051 GCCAGAAGGG AGTTGTTAGA GAATTGGGTG AGGACAGCAA GCCATTCTTA 575101 ACAGCTCGCT GTAAGGTCTC TCTTCAATTT CCCCTGTTCA TTATCTCGCT 575151 CCCCCACCCT TGCTGTACAC TTTCCAGTAG GAATGATCCT TTAAAAAAAG 575201 AAAAAAAAA TCCCCACTAG ACGGTGTCCT CCCTAGATTC ATTGCTCCCA 575251 ATTTCTCCTC TCTCAAACTC AGCCTGATCT CCTGCTTGCA GACAAGGCAT 575301 TCTGTGATTT GCAGCTCCGA CCTCTCTCAT GACTCTCTCT CCTTGGTCTC 575351 ACTGATTGTC TTTCTGATTC AAGAATATTC CTGCCCAGGG CCTTTACCTT 575401 GAATTTAAAA GTTCTCCATT TTAGCACACT CTTCCCTTCA GGAGCTCTTT 575451 ATCTGCTATC CTAGAACGTA TATCTATGTC CACTTAACTA CCCAACATCA 575501 GAGAAGCAAC CCCTACCCAC TCACCAACA TAGCGGGGTC ATGGTTGACG 575551 GTCTTGGTA GCCACGTCC CTCACTTGC TCCCAGTTGG CTCCGTTCTG 575601 GCCTAAGATA AAATGAAACT AAGCTTCAGA TCTGTGACTC ATGTTAAGCT CTCGGTACCA TTCAAAATTA GGAATTCTAA AGGGGATGTT TTTGGTGTGG 575651 TGGCGAAGCA TCCCACTGTG TTTATTTTAA ATGTCACAGA TTTATTTAGA 575701 AAAATAATTT CTTCTCTGTC TTGAGAAGGT TGAACCTTCT TGTATACGTG 575751 TCTTGAAAGT GGATTTGGGT ATGGTGGGGG GCCAAGAAAA TGATAATTAA 575801 575851 TTTCTTTTT ATTTGGTGTT AAGAATAGTC TCCCAGTGTA ATAAGCAGAT 575901 AAAAAAAAA ACCAACTAAG CAAGCACTGA GGTCTAGTAT TTTACTGTGC 575951 GAACCTCAGG TTCAACCTGT GCTGCAGTTG TCTGTGGGTG GAAAGGGAAT 576001 TCTTTTTTC AAGCTGAATA TATATTGGAG TTGGAAGCAG TTTCTCAGCT 576051 TCTCCCGTAT TTCGAAGCCC AGCACATGTG TTCAGTTGTG GATTTCCAGA 576101 GAACTGGCAA TCCCGAGCCG ATGAGCCCGA CAAGGTTCCA AGAGTTCATT 576151 TGCAAGTTTG CTTGGCTCAC ACGGGTGCCT TTCCCACAGA AACAATGTCA 576201 CCAATTGAGG GTGGATTCCC AAGCCAGCCC ACAAAATCCA TTTCCTCTTA 576251 ATTTCAACAA ACATTTGTTG AATACCTACC AAGAGCCCCC ATGTGGGAAG 576301 TGAGATGGCT ATGTGCTGTT GAGAAAACCC AGATGTCCTT CTTGGCTGTA 576351 AGGGGTTAAC AAGCAAACTA GGAGGGCAGA CAGGTCTATG CCAGTGATCA 576401 TTCATTCAGC CGTCCATCTG ACCACTGACA TGTATGAGGT ACCCACGTGT TATAAGCCTG ACATCCCATT CAGAGGCACA GTTCCCATCT GAATGGCTTC 576451 TCTAGTCTAA TGATGGGTAA GCGTCAGTAG ATTCTGAGTT TCTTTTGTTT 576501 GTTTGTTTTG TTTGTTGGTT TGGTTTGGTT TGGTTTGGTT 576551 TGGTTTGGTT TGGTTTGGTT TTTCGAGACA GGGGTTCTCT GTATAGCCCT 576601 GGCTGTCCTG GAACTCACTT TGTAGACCAG ACTGGCCTCG AACTCAGAAA 576651 TCCGCCTGCC TCTGCCTCTC AAGTGCTGGG ATTAAAGGCG TGCATCATCA 576701 576751 CTGCCCGGCA GATTCTCTTT CAGTGATTCT ACCTAATGAG CAACTGCCTG 576801 ATCCTTAGAA GTCTAACGAG CAGGTATTC TCTACATTTA TTATTTTCAC TCATGGATGT GCTTGTCAGC TGTGGGAGGA GGAAGAGGTT TGTGTCGTGC 576851 576901 TATCAGCGAA ACTCAGGTCT CTTTCATGTG TCTGTCATTG TGTACCTACT 576951 CTTAAGTCAG AGAGCAGATG TAGAAGATAT TGAACTAAGT TACATGATGC 577001 ACTCAAAGCC TCTGCGCCCA TCATGGTTAT GGATATTCTA CTGCTAACAC 577051 AAGCTCCACA GCCAAGCTCG ACATTAGTAG GGTAAGGAAA TAGACCATTC 577101 TATTCCGTCC AGTCAGATGT ATCATAACAT GGCACGGCAA ATAGCAGTAG 577151 AGATGAATCA TTCTGGTACA GGAAGTTTTG GAGACTTGGG AATGTGCATC 577201 TTGTCTCTCT GGAATAAAGG AGATGAATAG GATAGGGGGC TATAAGGATA 577251 GACACAGAAG ATGTAGGGTT CCATGGAGAC ACAGATAGGG CATCTAACTC CCATGTGAAA GGTTGGGGAA AGCTTCCTGG GGAAGAGATG ATTCAGGCAA 577301 ATCTGAAACA TAGGCAGGTA TCAGGAAGGG AAACTGGCTG AGGTAACAGG 577351 TTGGCGAAGA ATACACTTAA GTTCCTGAAT GTGGGTGTGG ATGCGTGTAT 577401 577451 GGCATGTTTG GGGGGTGGGG ATAAGAGGAC ATGGTCAACA GGGCAGATGA GTCGTTTAGA TTTTGTTAGA AGAATCTTGT GGAGACTGAG CAACTGAGCA 577501 TACAATCTGG AGCAAGATGG ACTTGGGTCC TCGCTGGGAG CTGGCAGACC 577551 577601 AGTCAGCAGG TGGTTATAGA AACTGGGGCT GGGTTAGCGC AGTAGTAGTT 577651 GGAAGCAGGT ACATTGGAGA GCTATTTGGA AGCCAACACT GACGGGACTT 577701 GGTGATTAAT TGAATTCCCC CTTGAGCATG GCACACTAAA AATAGGGCCA 577751 TAAAATAGAA GATGAAGATG GCCACGATGG AAGATGTATT CTTTCTTCCT 577801 TGACCCAACA TTGCACAAAG AAAAGAGCTG ACACTCAAAG AAGCTAGATT

577851 CTCCTGTGG CCCAGGCACT GGGTTCTAAG GAGAGCACCC GGGTCAGGTG AGGAGGACTT CTGAGAGATG GCAGAGGGGT GTATGTTCTA ACTCTTACCA 577901 GCAATACATA TGCAGACATC TGACTTGGGG GACCAGACAG ACAGATGTGT 577951 578001 CCTTCACTGA GCAGGGTGTA GGAGGGGCTA TCTACTTGGG GTGAGCGGCA AACAGCATCG ACTGCCATAT TGGCACACTG GGCAAACAGC ATCTACTGCC GTATTGGCAC ACTGAAGGGC ACAGCAGGGT AGGAAGAAAT AAAGTTCCTA 578051 578101 AGGATGATTC CTATGGGCCG GGATCTGGCC TTTGTATGAG TAGCCTGTTT 578151 CTCTTCTACG CCAAAGCAGG GTTGATGGTG GTACCCATGT CTGGGGCTGC 578201 TGAGAGGTTG AAATCAGATA ATATCCCTGA AACTGCAGGC AGGAGCTTGC 578251 TCCTAGGAAG TGCTATAGTG GATGTCAGTA AGGAGGCCGG GTCACCCTCA 578301 GCTTCAGTGG GAGGGTAGCC TGAAACTGGG CCTGGAAGAA TGGTGTCAAT 578351 TTTTCTCTGA GGGCAGAGGG TATGGGAGAT TCTACAAGCT GAAGAAGAGC 578401 TGAGCCAGAG GTCTGTTTAG GGAGTGGCAG GTTGGATTTT TTTTTTTTT 578451 578501 TTTTTTTTT TGTCTCTAGG ATACTGGTTA GGAAGGAAGG AAGGGATAAA GGTGCTGGGA AGGATGAGGA AGTGGAAGCT CTGAGTTTAG ATTTAATTAG 578551 578601 TATGTGCTGC GAGCTCATTA AAGAGCTTTA AGCACAGGAC TGTATCTTTG 578651 AAAGATTTGT GACTTGCAAA GATTATCGCG ACGGCAGTCG AGAGGATGAA 578701 GTGTATCAAG GTGGGCAGCA ACTATACTTA CCTCCTGCAA TTTGTAGAGT 578751 GAGTTTATCT TGTATCTCTT CCGGGGTCAT CTGCTCGGTG GCTATTTCTT GGGCCCAGTT ATAACAATGG AACCTAGACT GGGTCCTTCT CAGAAAATGG 578801 GCTATGCAGG AACAGCCATT CACACTAGTT CCTTAATAGT CTCCATGCAC 578851 AGGGTAGAGA CAGAGCCCCC AACATGCTAA TTACAGGGTA TCTGGATCCC 578901 TCTTGATTAT TTGTATAAAT TTAACCTCCT CCTATATTCT TCTGCACATT 578951 579001 TTCCCCACCG TGGCAACAGT TGGAAGACAT TCAGGCAACC CCTAGAAGCT GTTTTGAAAT TTTCATCCAC TCTTGGGCTG TTCTGCATGT GGGATTCTGA 579051 AACATCATTT CTCAGCTCAG CCTAGCGGCA AGCACCCCAT GGTCCAGCTC 579101 579151 CTGTCTGACC ACTGACAGGC TGGCAGGAGC AGAGAAGGGA AACTTTGTCA 579201 ACAGCCGACT GGGAGCACTT TCTAGAGCCC AGCTTGCTCT CCTCTCTTGA 579251 GGACTCTCCT CTCCCTAAGA GGCATTTCTT CAAGAACTCT GGTTTAATTG GTAGCCCTAT GGGAACCCTG CCCACCACGC TGTGCAATGA CAGTCCATGG 579301 579351 GGCACAGTAC CCGTGGCCAT GCTCTTCCCA AGCCCCAATG AATGATCTCT GTTGCAGATG CTGAGCCCGC AGCATCCTGC TAGCCAAAGC CAGCCGAGTG AGCTTCTCA GAGAGTCTTC CTTGGCCACA GAACTCCATG CAACTCCACC 579401 579451 CTGTGCCTCC TGCTCATTCT TCCTGACACC CTAAGCAGTC AGGAATCAGT 579501 ATGACTGTCA GCCTGCTTTT TAGAGTAGAA GACAGGTGTG GGCTCTAAGG 579551 AATACTTGGT GGCTTCAGAG AACATGAATT GTTTTTCCCC CCTGAGGTGC 579601 TGGAGGTGAG GACTCTGAAG TGGGGTTTCA GTGGACCATA ATAGAGGTGG 579651 579701 ATGGTGCTTC TCCTTGATGT TGTAGAAACA CCCCCATTCA TTCCCCTTTC 579751 TAGCTTCTCG AGGCACCTCA CATTCCTCCT CAGCTGCCCC TTCCTGCCCT 579801 TTCAAATCTT AACGATGCAG CGTCTCCAGA CTCTGCTGGT TCTGTACTCC 579851 TCTCTCTGAT CTTTGTGCTC ACATCGGGCT GCAGAATAAT GTCAACCCCT ACCTTAAGAT CCTTAATTTG CCCAATTTTG CAGAGTGTCC ACCATGAAGG 579901 579951 TGACATCATA GTCATGAGTA CTAGGTTGTG GACATCTTTA GAAGCCATTT TTCACCAGCC TCAGATTATA CCTACCTGGG TTTATGTCCA GTTCCCAAGC 580001 CACTCCATTG TCTACCATTG TAGGGAAGAG GCAAAGAGAC AGGAAGGAGA TGGTGTCCCT CAGAGAGGAC AAAGCTGGAG GAGCAAGGGC CCGCATGGAC 580051 580101 ATTACATAAT AACCTGTGGA CTGAGAAAGA GAACAGAACT CAGGGCCCTC 580151 TCCAGTTGCA TAAACTACTC TGCACATTCA TCCAACAGAT ACTGAACACC 580201 580251 TACTATGTGT CCTATGTTCT CAGCTCTAGG ATTTTTGGTG CTCTCATTAA GTTACCCAGA GTCTCATGCA AGTCTTTTGA GCAAGGGATT TTAGTTTCTC 580301 GGAGTTACCA TAAGGGAAGT TGCCACAAAG TTGGTGGCAC TTCTGCAAGA 580351 CAGACATATG AACCCAAGGT GTCAATGTGG CCATGTATCC TGTGAGGCTC 580401 TAGCGCAAGA TCTGCCCTCT CACGTCCCAT GGTGGTTCCT GTGGCTCCTT 580451 GGCGCTATCT CCTGTGATCG CCTTCCTTGT ATACATCCAA ACCTCTCTCT 580501 CCTTCCTCT AGCAAGATAC CAGTCAGTGC AGACGTTAAG CCCAGGATAA
TCCCAACTTG AGCTCCTTAA CTAATTACCC CTTTAACGAC TGTATCCAAG
GAAAGTAGCA TTCGGAGGGT CTGGGTGGGC ATGTCATCAG GGAGGAAGAG
ACCAGTCTCA AAATTCACAA GGAAGTTGCA TAGGGGAAGG CAAGCAAGAC 580551 580601 580651 580701 TAAATAAACT TGAGAAAGGG AAAGAGGGAC ACTGAGTAGG AGTGGGGAAA 580751 580801 GCTGGCAGTT TTAAATTGGG GGTCCTGGAA GGCCACTGTA ATATTTAGCA 580851 GAATGGCCAG CAAGAAGACA CTTGGAGACA GAAGATCATT ACATATCTAC 580901 CTTCCTTCTT TCCTTCCTTG GAGCTGAGGA TATGTCCTCC CATGTGCAGA

580951 TCTCAGGCTT GAAGCCTGTG CAGTGACACT TCTTTATGGT CCAGTGCAAC 581001 TCTAATGACA GTGATAATGA TAATGATGAG ATTTGGGGGCG GCCCCTCCTT 581051 CTTGTGTGAG GACCCCATTG TGCCAACTAA TTGTATAGAA GCAAGTAGGG 581101 CAACTGTCTG TGGGGTGGAA GCAGTGGGGA GCAGAGAGGA ATCTGCTGTT
581151 CTGGCTTGG GGCCTTCCTG AATGACCCTG ACCAGCCTG AACCTGGGCA
581201 TCTGGGTTAC TGTGGATGCT GGAAGGACT CGGGAGACCT TCCCACAGTA
581251 GAATGGGTC TTGGGACAAG CGAAGTCTCC TGGGTTCTT ATCCCCTTAA
581301 TAGTTGCTGG AAGATCCATG GGCTAAGCCT ATTGCACTGG CTGGTTTTAT 581351 ATTTCAACTT GATACAAGTT AGAGTCATCA GAGAGGAAGG AACTCCAGTT 581401 AAGGAAACGC TGCCTTGAGA TCCAGCTGTA AGGCATTTTC TCAATTAGTG 581451 ATCAGTGGGG GAGGACCCAG CTCATGATGG GTGGTGCCAT CCCTGGGTCC 581501 TAGGTTCTAT AAGAAAGCAG GTTGAGCAAG CCAGTAAGCA ACACCCTCCA 581551 TGGCCTCTGT ATCAGCTCCT GCCTCCAGGT TACAGTCCTG CTTGAGTTTC 581651 TAAGTCCTTT CCTCCCCAAC TTGCTTTTGG GTCGTAGTGT TTCGCCATAG 581701 CAATAGAAAC GAAGATACCT ACTTGCCATA GAAGAAAAAG AAGCACACAA 581751 TTGTTGAGGG GCACAGCTCC ACTATTGGCC CCACAGGCAG TTGGCAGTTT 581801 TCTGTACCTT ATACATAAGC CAGTTTGGTT TGTTTGGTAA AAGTTGGCCA 581851 CAAGGACCTC AAGCCTCAGC ATTTCAACTC CCGTACTTAT CTGCACCATC 581901 TCTTTAAGTG ATGCTCTAAC TTCCAACAAG CCCCATTAAG AGCACCCCTT 582001 ACCTATCTGT GGCAGGGCAC TTTCATAAGA ACGTATTGAT CGGCTTTTTA 582051 AAAATTCCTC AAATGTTTCC ACTTGTCTCT GTGACCTCGT GTTTGTCCTG 582101 TTCTCAGCAG CTCCTCCACA TCTGAACACA GTGTTCAGAT CTGCATTCTG 582151 AGCCCTGCCT GCCAGTCTTT GGTTTTGCTC TCGTACCATC TTGAAATGCT 582201 AGGCTGTTTG CATTCTGCTA TTTGGAGTGT GTGCTGTTTC TGATAGTTGA 582251 GATAGGAGTT GATATGAACC TCAGAGGAAG GGCTAATAGT ATTGCTCCCA 582301 CCCAGTCATT GCTAGGGAAA TGGGCCCTCA ACACCTCTAC AGTTCTTCCT AATGACATAG GGGGTGTATA AGGTAGAGGT AGAAGCCAGA CCATCCTGGG 582351 CCAAGAGGCA TCACTTTCTC TTCTGTCTCC ATGCTGCCTA GTTTTTCTAA 582401 ATACCTCCTC AACATTCTTC CATGTAAGGT CTATACCAGA ATTGAAAACT 582451 582501 GAGAACTTTT GGTACACCGC ACTTGTCACT TGACGAAGAA CTGCATAGAG 582551 TGAAGGCCAC ACATCACTTT TGTTTGAGTG TTTCGGTCTG CAAATGTGTT 582601 TTAGGTGGGC TAAACAGCTC TAAGTTTCAA GACAAAGACT GATTTTCCAC 582651 AATGCCAGTT AACAGACTGA CCTAATGGAC AAAAATCAAT AAAATGACTT 582701 AGGCAGATAT CTGGAAGACA TGGAGAAGAA TTTAGTCCCT TTCAACTTTA 582751 ATTCTCAGCC CAATTCAGAT AAACTTTGCT GAACACCAGC AATGGACCAG 582801 ACCCTTTTCT AGATTCTGGG GGAAACAAAG ATGAACAAGG CTGTGTACCC 582851 TAGAGAATAA AAAATTAGTG TGGGGAGGAG ACAGTCAATA AATACTCTTA 582901 ATACCTGATG TTTGAGACAC AAGGAGATAC CCAAACCCTT TTCTCTGGG 582951 AGATGGAAGA GCTGTAAAAG TCTTGGAAGA AGCCTTGGC TGTGCATGCC 583001 TTTGTATGTA GGAACACATT CTACGTAGTG AACCAATATA GAAAAGCTAT 583051 GTGAATGGAC ATATGGTCAA CCTTATTACT AAGACCTACC TAGTCATTAG 583101 CATTTTGTAT TTGTTTAAGG TACAAGTTTT CTGACTCTGC CATGGACATT ATTGCTGTCT TAGATACTGC TCTATTGCTG TAAAGAGACA CTAAGACCAA 583151 GGCAACTGTT AAAAGAAAGC ATTTAATTAG AAGTTTACTT ACAATTTTAG 583201 583251 GTGGTTAGAC CATGATCATT ATGGCAGGAC ACAGACAGGC ATAGTGCTGG AGCAGTAGCT AAGACCTTCA CATCCTGATC CCACAGGCAG CAGGCAGGAA 583301 CAGTCAGTTA GACAGTTTTG GTCCGGTGTG GGCTTTTGAA ACCTCAAAAA 583351 AAGCTTACCC CCCAGTGACA CACCTGCTCC AACAAGGCCA CACCTCTTAA 583401 TCCTTCCCAA ACAGTTCCAC TAAGGAGCAT TTAAACATAG GAGCCCATGG 583451 GAGCCATTCC CACTAAAACC ATCACAGTTT CCCAGGCAAA ACTGATGGGA 583501 ATTGCTTCCT AATATGTGTG AGTGTGGAAT TTCTAGTCCC TTAAGATAAC 583551 ACTCTGCAAG TGTTCAGGGT TGGCATATCA TTCATCCTTG CCTTGGTAAG 583601 TCACAAAGCA TGCATAATTG AGGCCCCCAG AAGGCTTGTA GCAGGGGACC 583651 TATTTAATTT CATGTGACTT CTATGTCCCA AACTTCTTGG CATGAACACT 583701 ATCATCTCAC TTTGAAAATC CAGTATAACC CATATTTTCC TTTATGGATA 583751 TGTCCTGGGG AAACCAAGTG TCACTTGGGT ACTTACGATG TTCCTACTAT 583801 583851 GGAAGACTAT AAACATTTTA GAGACAGTAG AGAGAATGTG AGGGCTGTTG
583951 ACAGACACCA TGCTAACTAC TCTCCATGTA CCTTAGTATC CTTCTGTTTG TCATGGAGGT GGTAACAATG ATAACCTGTT TCATGAAGGT TAATGAGTTC 583951 584001 TTCCCACTGG TCATAGAAAT AGTGGGAGAG CCATAGCAAC GGGAGGGTGT

TATGTTGTGT ATGCCTCCAT ATAAAGCCTG TATTGGAAAC AGTCCCTAGC 584051 ATAACAGTGT TGGGAGGCAG GAGGTTCATA CATATTTAGG TCTACACTCA 584101 TGAATAGCCC AATGCCAGTT ATAAAAGAGA CTCAGGCTGC AATTCTGATT 584151 TCTTACTATT TCGTGCACAT ACACCTTCTC CTTCATTGCT GCCTTCTGCC 584201 ATAGAATGAT GAAGCAAGAT GGTTCTAGCT GGATGCAAGA AACTGACCTT 584251 GGACCTCCTA TGGGCCCTTG GAGTTGTGAA ATAAATAAAT AAATAAATAA 584301 ATAAATAAAT AAATTTCCTA CTCATGACAT TCTGTCACAG GGGCACCAAA 584351 TGGTGTAAGG AAAAGGGCCC CTTGGTGACC TGTTGTATTG TCTACTGCAG 584401 TGTCGACATG GAACAGTGGA TGCAAAAATG GTCTTGGAAA GCCATACTGC 584451 584501 CTGATGCACT ATCTCAATCC CTCTGTATAC TAACAGCACC TTAGGAAAGC 584551 AATGCGGAGT CTTGTAAAAG CTGTTCCCCC TATCTGTTAA TCAGGGACAA 584651 GAATAAATGA GTCAAGTCAT GTGAAAAGAC ATCGCATGGC ATATAAGACA 584701 TTTTTGCCTT TTCTAAAAAA AAAAAAAAGT AGTCTATATT TCTGTGTTAT 584751 TAGCATCATT CTCTCAAATA GACTGACTTG CAGACCCAGT GATGAAGAGC 584801 CAGTTGTTTT TTTTTTTCA GCTTCCTTAG CAAGTTATTT TGGCATCCTC 584851 CCCCCCCC AACCCCCCTG ATCCTGACTC TAGGAGCCTT TAATTCAGAG 584901 TTTGGTTTGT CACAGTGACT TCCTGTTCTC TTTCATTTAA TGGAGTCTGA 584951 CTCCTTCATC TTGTGGACTG GCAACTGTAA TGAATGTCAC CCGACTCTTG 585001 AGACCACCTG GTCCCTCCTT TGTGTGCTGT ACCTTTCCTA AAGATGTACA 585051 CCCCTGTTGC AAATCACTTA GCAAAGGACC TTGGGATGCT CTTGGAGCAA 585101 ACCACCCCC TCTTGAGGAT GCAGTTGCCC ATGTGAGAGG AGCAGAGCTG 585151 GATTGTTGGT TTGTTAAAAG TTTTCTGATA CCTTATCAGT ATAGGATCTT 585201 GGGGACAGGT CACACTCACC CCACGTTCAA GCCAATTACC TGATATTTAG 585251 AGGATGCTGA TGAAATTCTG GTGGCAGGAA GTGGGAGTTA CATTTCTGAG 585301 CTCAGAGTTT CTATTTCAAG GTTGAGTAAG TGGTAAATTT TTACTGAGGG 585351 AGTCTAGCCT AATAGAGTCA GATTCTCAAG GTCTGTCCCC GCCCCCACCC 585401 TGGCGCAGTA CGTGGATGGA CACTTCAACC TGCCTGGAAA ACTTCAGGTT 585451 TCAGGTTTTC GGAAGCGGGC CTCCCTGTCC TTCATGTTGG CATGAAAACA 585501 585551 ATTAATAATT TAAGCCAGAC CCATTTTAAA AAATAGAAAT GCTATACAAA TACAATAACG ATAAATTTAA AAGTCGATCC AGTTGGGCAC CATTCCCAGA 585601 CTACCAACTG AGCAGACACA CAAATAAGTA AAGAAGAGGA AAAACTGCTA
TATAATGCAA ATGGCTGCCA TCTCCTTGTT TTCTGCTGTT CTTTTATTGC 585651 585701 585751 AGATATATAA TATCAAGGCT ACATTATGGG TAAATAGGTT TTGTGGCCTA ACCCAGAAAA CCTAATCACA GCTTATAATA TTATTTCTAT GAAGGAAATA 585801 TATTTATAT TATAAACAGA TGGTTGGCAA GCAGTATTTG GAGCACAATC 585851 AGTTTGTAAG GCTGGGTCTA CCGGGGATTT TAACCTTTAA CAGAACTGGA 585901 TGCTCGGATG TTGAAACCAC AAGGCATCTT AGAGGACCCC GGTGAAGTGA 585951 TTCTCTCCAG AATCTTCACC AAGATTTTCA TCTTAAAAAC TGCCTCCCCC 586001 ATCTTTGTTC TTTGGTTACC TGAGACCCAC TTTCCCGTCT TGGCTCAGCC TAGCCACGCT TTCTAAATTC TCTTGAGACC CCAGGAAACT GGGAGGTACT CTGAGAGGCC TTATCCTGTG CACCTTATAA AATGGTGGCC AGGGTCCTAG 586051 586101 586151 GAGGCTACCA GTGAGAGAGC CTGTGTGCCT CTGAACCTAG GTCATGCTAG 586201 AAGAGTGGTT CTCAACCTGT GGGTCTTGAC CCCTTCGCAG GGCGAGTGAC 586251 CCTTTCAAAC ACACATGTTT ACATTAGAAT TCATAACAGT AGCAAAATTA 586301 AAGTTAGGAA TTAGCAACAA AAATAAAGTT TGGGGTTGTC TCAACATGAA 586351 GAGTTACATT AAGGGGTTGC AGGATCAGAA AGTTGAGAGT CATTACAACG 586401 GAAAGAGAAC TAACGGGAAA TCACTCAGAT AAGCACCCAG CACAGGTGCT 586451 GTTGCTGCCA TGTTTGGGTT GTGGAGTTTT TCAGGTATAC GATGGGCTAC 586501 ACAGATTTCT ACTGACTTCG GAAGCAAACT CACCACATCG GAGTGGTTTC TGAGTGTCAG AGAGTGAGCT TAGCAGTGTC CGGAAGCTCC ATTGGCCACT 586551 586601 TGAGGCTGAG TAGCTTGGAA CATGTTTTCT GGGTTGCAGA TGGGGAGGAG 586651 GATCCATTTT CTTATATATT CGGGTGGCTG TATTAAAGTC TATTATTATT 586701 TTGAACAAAT TGAGTCTATA ACACATTTCT AGTAAGCTGA GAAGAGACTT 586751 CTTAAATAGT TGCATGCACT AATTGTTACC ACATAAAGAG TTTTCACCTA 586801 AGGAAAGTTT TTTTTTTTT AATTTAAATT AACTTTTTAA TTCCCTTCAG 586851 GAAATTTTTT TCTTTGCAGT TGGACAGTTT TATGTTCTAA CTTTCAAGTA 586901 GATTTGTATC TACTTATTGA CTTGATCACG TAGGCATGAG ATCTAACTAG 586951 GAATAGGAAC AAAATAAAAT AAAACAGTGA GTTAGAGTTT TCTAGAGGAA 587001 CCAACACAC CACACATGTA TGTATGTATA TATTTATTTA TGTATGTATG 587051 AAATCAGCCT CATTGAAATA GTACAACTGC TATCTCATAT CTGAGAACCT 587101

587151	GGTAATTGCT	TGGTCCTTGA			AGAGTAATCC
587201	CACAATGACA	GTCTCACAAT	GGGGAAGCTG		AGTTACCAAG
587251	TCTACAAGGC	TGGGTACGCC	AACAATCTTT		AAAAACTTGG
587301	AGTGTTTCTG	GAGAGCCACT	AGTCCCCAGT		AGCCTGGAAA
587351	CACCAGCTCT	AACTCTAATG	TCAATGAAGG	AACCAGCAGC	AGCAGAGGCA
587401	GGTGAATTAA	TTAAAGCGGC	AAGATGGAGG	ACCAAGTGAG	CAAAATATCC
587451	ATTTTAATTT	GGGCTGCTAC	CAGGAGGCAC	CATCCTCTTT	CGGGGTGGTT
587501	CTTCTCAGAT	CAAGCAGGGC	AGTCAGGGCT	GTCCTCCGGT	GAGGCTTTTT
587551	ACTCAGGTGA	TTCTAATTTG	TGACAAGTTG	CCATTAGGGC	CAACCAGCAC
587601	AAATAGCGAT	TGCTTTCAGA	TTGATCCTAT	TGTGATTTAA	ATATGTTCCC
587651	TGCAAAACCT	GTGTTCTCCT	GGAGTTGGGA	GGTGGGGCCT	GTTGGAGGTG
587701	GGGCCTGTTG	GGAGGTGTTT	ATGAATGAGG	GCTCTGTCAT	CTCCAGACAG
587751	GCTTGAGACT	GTGAGTTCTG	TCTCTCACTC	TCGCCTTTTT	CTTACCCTTC
587801	CATTATAGGG	TAATGCATCA	AAACATGCCC	TTGCCAGGTC	TGGGTCCTTC
587851	AGCCACTGAC	TTGTAAAACT	ATAAGAAAAA	TTATAAAAA	CTTCACAAAT
587901	TACTCAGTTT	CTGGTATCCT	GTTATAATTA	TACAAAATGG	AATTAGCCTC
587951	ATAATTGGTA	CTCAGTAGTA	AGGCTGAGAT	ATAATCAATA	CCTGACAGCG
588001	TGGGCCTGGC	TGGGAACTGG	TCATGGGTAG	AAGCTGTAAG	AGCCTGGGAC
588051	ATTGGGAGGG	GGAAAAATCT	ATCGCAGTGT	GCTGATTCCT	TTAAAAAATA
588101	TTTATTGCAG	TGGTGTGAAT	GTACAATACT	TAGATATGCT	GTATATATAG
588151	TGTAACATCT	GTATATTTAA	TCATAAAGGC	AGATAATTGA	AAACATTGTA
588201	AAATTAAGCA	CTTCAATTCT	TGTTAAATAT	GAAACATTTG	TATCTTGTAA
588251	ATAAAGACAT	CCTTAAATTG	GTTTTGGAAA	AAAAATATTT	ATTTTTTATTT
588301	TACAAATATG	TTAGAGCCTG	CATGTATGTA	AGTATGTGTA	CCATGTGCAT
588351	GTCTGGTGCC	CACAGAGGCC	AGAAGACAGA	GTTGGATGCC	TAGAAACTGG
588401	AGTTATAGGC	AAACGTGAGC	TACCCAGGGT	GTGTGCTTGA	ATTGAACCCG
588451	GGTCCTCTGC	AAGTCCAGCA	ACCGCCCTTA	GTTGCTCAGC	TATCCCTCCA
588501	GCCCACTAAG	GGTCATTCTA	ATGTAGATGT	ACAGATTAGC	AATGTGGAAA
588551	AAGCCTGGGA	CTTCCTAGAG	ATTACAGGCA	CGGTCGTGAT	CAGAATATTT
588601	GTAGAAATAT	GGAAGGTGAA		AGGGTCTCCA	GTGAAAGTGA
588651	AGTGCAAAGA	TTTGGAACTG	GGAATAGAGG	CCATCTATGT	CAGTTCCTCT
588701	TGTGTTGCTG	TGCTAAAATG	CTAGACCAAA	AGCAACTTGA	GAAAGAATAT
588751	TTTAGCTTAC	AGTAGAGAGA			AATGCATGAC
588801	CTGGTAGCAA	GGGTGGGAAG	GTGGCTGGTC	ACAGTTCATC	TGCACATGAG
588851	AAGGGGGAGG	GGCTATAAAC	CTCAAATCAT	CTCCCTCATT	ACATAATTCC
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588951	TGAGGGTCAA	GTACTCAAAT	ACATGGGCCT	ATGTGGGACA	TTTCTCATTC
589001	AAACCACCAC	ACAAAGACAG			TGGCCCATAG
589051	GTAATGGTAC	TGTTGGGAGC	TGTGGCCTTA		TGTGTCACTG
589101	CGGTTGTGGG			AAGAGCTTCT	TCCTAGCTGC
589151	CTGAGGATGC	CAGTCTTTCT		AGATCAAGAT	GCAGAACTCT
589201	CAGATCCTTC	_		CATGCTGCCA	TGCTTCCTAC
589251	TGTGATGATC				CCCCAACTAA
589301	ATGTTTTCCT				TTCACATCAA
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589751	AGCTGCCAG			A GCATTCATT	GCCAGGCCAC
589801				C AGTGTTCCTT	r GGCCATCCAA
589851					
589901					
589951					CATCTAAAAT
590001					
590051					
590101					
590151					A CTAAATGGAC
590201					G TGCCAGGATG
220201					

TGGTCCATGG ACTTAAAGGA GGTTATTCTG GAGCCTGAAG AGTTAACGTT 590251 CTCCTCCTTC CTGGGCTGTA GATTACATGG AATCAGTTTC TGCACACTTA 590301 GTTTTTCTTA TGGAATGAGA ATGTCTGTCT GCCTGTCTGT CTGTCTGTCT 590351 CATCTTTGCA TTTTGGGAGC ACATACTATA TTTACATTCA AAAATCTCAG 590401 GGCCGGAGAT GATTGTCTCT GGATGTATCA GACATAGGTT CTCACCCACA 590451 590501 GCCACTTTAG GTGAGAGCCC AGATTTTGAG TTAGTACGGA GCCAACTAAG TCTTTGGGGG CTGTTGAGAT AGAATGAATT TTCTGGCCTG GTTTTCATGG 590551 590601 GAGAGGGACA TGAAGTTTTA GGGTCAGATA TGCCATGGTG TGGCTTGAGT 590651 ATGTCCTTCT CAAAAGCCTG TTCGAAACCT ATACTCTGGT CGGTCAGTTT 590701 TGAGGGGTGA GGTGGAGATT AATGGGAGAT CAAGAGCACC CCACCCCAC 590751 CATGAAAGGG AGAAACTAGC AACAGTGAAT TCTGTGTCTT TTTTGACATC 590801 CTCTTCTCCC AGGGAATGAC ACAGCCAGAG ATGTTTCACC AGAGTCAAGT 590851 GCCCAGTCAT AACTATCCCA GTTTCTTAAG AAATAAATCT TTATTTTTTT TATAAATATA TGAGTCTGGG TCTTCTGCCA AAGCTGCACA GATCCTTGGA 590901 590951 AGAGGGGGAG CACATGCCCC AGCATAAGCA ATGAACACAT ACACAAACAT 591001 ACAAAGAACA CACACACAAA CATACAATGA ACACATACAC ACAAACATAC 591051 AAAGAACACA CACACAAACA TACAAAGAAC ACATACACAA ACATACAACA
591101 AACACATACA CAAACATATA AAGAACACAT ACAAACAT ACAAAGAACA CATACACAAA CATACAACGA ACACATATAC AAACACCAA AGAACACATA CACAAACATA CAACGAACAC ATACACACCC CTGACATTTT CTCCAGAACA 591151 591201 CACTTGGGCT AAGATGACTC CAGTTTCCCT CCTATTCAAA ATGGCCTGGC 591251 AAAGTGGAAC GAAAACCAGT TAAGAGATCT AGGAATTTGG CTGACAAGAG 591301 AGCTTGCTTG TAATCCTAGC CCTTGGGAGG TGGAGGCAGA AGGATGAGAC 591351 ACTTGAAGCC ATCTTTGCCC TCCTACATTG TGATTTTGAG GCCACCTTGG 591401 TCTACATGAG ACCCTGTGGA GGATGGAGAC AGAAACTGGA GAAGGAGAAC 591451 CTGCCCATCG AGTGGTCAAG TGGCTCATCA ATCGCCAAGT GGAATGATAT 591501 591551 TTTCATGTCA TTCCGGGAAT GGCTTGAGAA TTTATCCATT TGGCCATTTC 591601 CTTGATGGGT CCACAAGAAT AAGAACGATT TGTTTCAACA GAAATCATCC 591651 CAAACCCCCT GGTTTTGTTT ACTAAGATGT GGAAGCGCTG AGCTCTGCTC 591701 CCCCTCCTTG AGAAATGCGA ATGTGTGGGT AATGTGCTGT CGAGATTTTA 591751 CAATCTGCAA TATTTGAGAA GTAATAAGAT ACTGTTGTTG GTTGACCATC 591801 TGGTTATACA TACTTGGTGT TGTGGTTTGC TTTTTATTC TTTCATTTTT 591851 ATTGTTTTAA ACTGGTGAAG GGCAAAGAAT GAGAGTTAGA AAAAAATTCA 591901 GATTTGGCTT TCTTATACAA ACAAAGAATT CATATTTAGA TGTGCAACCC 591951 AGTTAGTTGT TGTTTCTAGG GGGAGAGTAA ATGAACAGTC CAGTATATAT GTTCTTTCAT TTTCCTTTTC AAAAATAAAT AAATAAGTAA ACTAACCTTA 592001 ACTCCTAATT TGATCTTCAG CTCCAAACTT TTGGCTTATG TGAAAATCAG 592051 TCTCGTTGCC TGAAAGAGGA GTCAAGCATA AATCAAAGCT CTAGAAAGAA 592101 AATTCACCAG CAGAACGGTC CTATAGAGAT TTCATATTTC ATCCATTCAC 592151 TCAAAAATAT TTATCGAAAC CCTAGTATTT GCATCTCGTG CTGGCAGACG 592201 CTGAGGGATT TGCTAAAGAA ACATCAAGAT GTTCTCCCTC CCTTCCAGGG 592251 GCTTAGTGCT TTCTCGGGGA GAAATGGCAT GGCCATGTGA AACAGTTAAG 592301 TTGTAATTCA AGACAGCATA TGATTAAATA CCAAAATGTG TGGTTCCGAC 592351 AAGAAATGCT ATAGTTCAGA GAAGGGAGTG ATAACTTTGT AGCATGACTG 592401 GTTTTTCTGC CTACAAATTG GCAAATTGTA GCACTATTTG TATGAAATAT 592451 TTTACACTTG CTTTTTTGGC AGCCTTAGGC CTTGACTCCC AGTCAGCATT 592501 AAGAGCCTGC AAAAATATTT GTACTCCAGT CACTGTAGAA TTGGCTTAAT 592551 TTTTCTCCCC TTCTTTCTCC TATGCAGAGG AAGTGCCTTG GTACAAGCCA 592601 GAGGGCCCAG GAGACAGG GAGTTTTGAG TCATGAACTT TTTCAGATAC 592651 592701 AAATAAGGCA CCAGCCTTGT CATTCTCTGT ACTCCAGAGC TGCCATGCTG 592751 GCAAACTCCC TCTGACATTG AGAGAGGTCT AATTTGAACT TAATGTCTGT GACGGACGAG TGAGCCATTA TGGGTCAGAT AGATTTATGG CCTTGGAGAA 592801 TCACTAATGA AAATCCCTTT GGTTATGAAG TTGGAGAAGG GCTAACCCAG 592851 ATGTAGGAAG GGTTGAGACA CATATGTGCT CCTGGGGAGC CCAGTTCCCT 592901 GGTGGGTGAC AAGCTAAGGG GACTTGGGAA TGGCGGCTAG AAAAACTTAC 592951 CAACTTCCCA TTCTATATTT GTCATATCCA AATGAGCACA AAACTCAAAG 593001 AAAAGCCATA AGACTAAATT GTTAAGAATA AGAGAGAGAT GATAGGTAGG 593051 GCTTCCAGGG GAGGGAGGGG GACACCAACC CTACCCATAA AACCTTCGAC 593101 CCTGATTACA AGATATCTGG GGATAAAGAT AGAGCAGAGA CTGGGGGGGAT 593151 GGCCAACCAG TGGCTGGCCC AACTTGACTC ATCCCATGGG CAAAAACCAA 593201 TTCCTAACAC TAGAAATGAT GTTCTGCTAA GCTTGCAGAC AGAAGCCTAG 593251 593301 CATAACTAGC CTCTGAGAGG CTTCACCCAA CACGTGATGG AAACAGATAA

AGAGACCCAT AGCCAAACTT TAGGCAAAGA TTGGGGAGTC TTGAGGAAGA 593351 GGAAGAGAG GGTTGGGTTG AGGGAGCTGG AGGGGTCAAG CACACCACAA 593401 GAATACATAC AGAATAAATT AACCTGGGCC CACGGGAGCT CCCCAGGACT 593451 AAGCCACCAA CCAAAGAGCA TGCAGGGGCT ATACCTACGA CCCCTATACA 593501 TATGTAGCAG ATGTACAGCT TGGTCTTCAT GTGGGTCCCA TAACACTCGG 593551 AACAAGGACT GACTGTCTCT GACCCTGTTC CCTGCCTTTG GCTCCCTTCA 593601 CCTTTCAGGG CTGTCTTGTC TGGCCTCAGT GGGAGGGAT GCACCTAGTC 593651 593701 CTATTGCAAT TTGATGTGCC AGGTTGGGCT GATAGCCATG GAGGCTGAAG 593751 GGAAGGGGA GTTGGGGGAG GGGTGGGAGG GTGGGACTGG GAGAAGAGA GGGCTGTGAT CAGGATGTAA AGTAAAATAA ATAATGAAAA AAACAGAGGA 593801 593851 AGAAGAAATA AAATCTTTTG AAGTCAATGT ATCGTTTGGG CCCTTTCATA 593901 ACTGTGCTGC CCCTCAGTGA TTGCTGTCAC CATTTAAATG TGTTGGAATC TCATGAACTA GGAGTTCTTA GTTTTCTTTT AAAACTCCAC AGTTGTTTGC 593951 TCAGGCTCAC CTTCATTTTA ATCTTTGCCT GGAAGGGGTG TGGTTTCTCA 594001 594051 AGCTACTCCA TGTTACTCGT TGGACTGTCT GCATGGTGCT GTGTCACTTG GCGATAGGGT TGCACTTGGT GTTCACTCCC CTCATTGGGT TGGTGGCCCA 594101 TCTGGGAAGT TAAAAGTGAC CCGGAGTGAC CCGCGCATCA AGGAAGCCAG 594151 TGATTGCAGT GTGAGAGCAT CTATTCATCA AAGGACCTGG CCCTGGCCAC 594201 AGCTTAAGAT TTATTTGGGG CATCTCCTGA GCTGGCTGAC CTGGGAGAGT 594251 GGCCTTGCAA AATATTTTGC TCGTATCTTT TGATATAATT TGGTATCTGT 594301 594351 CTAAATAAAT GTTCTGGAGC AGATGGTTAC AGAATGTCTT ATCATATTCT 594401 TGGGCAGACT CTGCCCTTGA AATATTTTCA TTTAATCATC ATGTTGCAAA 594451 GCTCAAAACA GTAGCTTTAT TATTTCTTTT GAGCACAAAA TGAATCTCAC 594501 TCAATAGGTT GGTATTCTGG TTAATGTATT GCAAGCCTAA AATATATTCA 594551 AAATATAAAC CTTTTCTGGG CTGGTCTTAA GCGGAATTTC TCCACAGGCA CTCTTTATTT TAGAATTCAT GGAAGAGTAT CCTTCCATTT GAAGTATTTG 594601 ATGATGTCAT CTTGGGTGAT AGCCTAGAAG CTGAAGTTCA ACATGTTGTC 594651 594701 AACATTTGTC CTCTGTCCCT AAACCTGATG AAACACACAC ACACACACAC 594751 ACACACACA ACACACACA ACCTCTGCTA TTTCTTTGTT GCTTTTCATG AGTTTAATAT CAAATCCCTT TTCTCATTCA AAATCAATAG CCTACCATAC 594801 AAAGTGCTTT GTACTACTGA TCATGAGAAA GCTGTAATTA ATGTGTGTGT 594851 594901 CTTTTCAAGG GGATTGCACA CATGCTGGGA GCTTTGAAAA CTGGCTGGAT 594951 ATTTCATCAG GACCTAAAAA ATGCCCGAAA ATTCAGATAC TTCGAAGCCT 595001 CCGAGAGAGA GTAAGAGGAA ATAATTTTAT TTGTCTTTAT GATATTGTCT 595051 595101 TTATGATATG GTACAGCTGC CTTCTGGGTA TAAAGAAAAT CTTTTCACAA TGAAATAGGC TTCATGACAG GACTCCATTC ATTCTGTTGG TGAATGGTAA 595151 GGGCCTGCCA GATGTTGTCT ATCTGCAAAG TGCCAAGGAT GCAGTAATAG 595201 595251 CCAGGTCATT CGTGGTACAG CCCACCCCCA TAGAGGCTGC CATCTTGCTA 595301 AGTAAAGATG ACCTTTAGGG GTTGAAATCA AAGAGAAGAT GCATTTTTTT 595351 TATGCAGAAG ATATCCAGCT TGATTTTAAA AATAGAGGAA CAATAAGCTC 595401 AGACTTATAG TTGAGTAGAT CCCTGCAATG TGGATCTCAG TGGGATTTTA TTTTGATCAG CCAGTCTTAA TACCGCTGTC TTCAGTCTTT GAACAACTGC CGGTGCAGGA GTCAAGCAGG AGCATGCACC AAAGGGTGAT TGGGTCCCTT 595451 595501 GGAAAGCTCC TGACATGGCG TGAAAGAGGG ACACAGAGAG CGCATTGGAG 595551 CAGAGCCTTC CCTGATGCCC ACACCCACCC TGCCTTGAGG GGAATAGAAT 595601 TCCTTACATG ATGCTGTAAG GAGACATTTC CTCCCTAATC ATGGCTCTTG 595651 595701 TGTTATGAGT AATTGCACAG AGTCCCCGTC AGCAGCCAGT TGACCTGTCG ACTGCACTCA CTGTGTTCTG TGTGAATGCC ACATTAACAA GGAAATGGGC 595751 595801 CACTTTCTCT TCTCGCTTTG CCATTTCAAA TAGCAAGAAC CACGCCACTT AAGATGATTT AACATTTAAT AAAGGAAAGC CAGGGCATTT AATGAGTGAT 595851 AAATAATAAA AGAACCAAGC TTTCAAGTCA TGACCGATCA GAACTCATGG 595901 ATTGAAAGTT ACTTGCTATT GTTGCTTCCT GTCACTCTCT GAAGCAAGGG 595951 CGAGCTCCAA ATCTCCAAAC TCCTGCCAGC TCCGTGCCAG GGGTCAGAAT 596001 CAGAGTAAGT GAAGTTCAGC CATCCATACA CAGGTGTAGT CAAGTTCTTT 596051 TCTTACTGAT CTGAAGAAAC AGCCGGCTTT GATGCTAAGT GCTAGGCAAA 596101 596151 AAGCATTAAG ATGTTTTGAT ATCCTCAGGA CTCTGATACA TGGTTAAGAT TATGCAAGGA GTTTTCTCT TTGTCATTGA AGGAACTGTT AAGGGTGATA 596201 CTATACCTTA GAATAGAAAG AAAAAAAAA TAGCTTGCTT AAGTGCCGCT 596251 TATACAGTTA GCTTACCTAT CTAGGGGTGG TATAGCCAAA TCACCATTTA 596301 CATGTCATCT GGAACATTTA AAAAAACCTG TTTCCACTCA CTCAGGAGTA 596351 596401 GTAGATCACC CCTGTAATCC CAGTGTTCAA GAGGCAAGGG CAGGAGGATC

CCTGTGAGTC TGAGGGACCA GCCTGGTCTC CATAATAAGT TTCAGGCCAG 596451 CTAGGACTCC ATAGTGAGAC CCTGCATCAA ACAACACAGA GCCAAAAACC 596501 596551 TTGCCCACAA CCACTCGTTC CCCCACCCTG TGTCCCCACT GTGGCTTACC 596601 GATGGGCCTG GCCGTCTTCC CATGCAGCCA TTACATCACT GTCCACAAAT 596651 CAGAGATAAG TTCTTTTTT TTTTTTAAAT TCACATGCTA CTATTTCACG 596701 TGTGCTTGTG CATGCCATAG CATGACTATG GTCAGAGGAA GGGTGGAGTG GGTTCTCTTC TTCCACCGTG TGGGTCCTGG GGCTCTGACT CAGGTTATCA 596751 GGCTTGTCTA TAGGTATCTT TACCTGCTGA GCCACCTCAC TGGCTCAATG 596801 ATTTGCTAAT TTCCCTTCAG GTCTTCTTTA AAACTATCTC TGCACTTATC 596851 596901 TTCCTCCCAA CCAAGGGATT GAATCTTATG CATGCCAGAG GCAAGCACTC TCCCACTTAG CTGTACTCAT TAGCTCTAGA TTGTTCCTTT TAATACTACT 596951 597001 GATGCGGTTC GACCCCTCTT TCTCTCTTCA GCTCTCCCTG CTCTCTCTT CTTCTCCCTT CCTGCTTTAC TGCCGTATTA CCAGACCTGG CTCCTTCTGA 597051 597101 TCATGCTGTT TCCACGTATT TCTTACTCCC TGGCCATCTG TGACGTACAT 597151 GAAAGCCTCA GGTCACCGTT TCAATAGTGC CCGACCCTTA CCTAAAGAGA 597201 TGGCAGTCTG TGGTTGTTCC CAATACAATC TATTAGGTAA GGTCAAAGAG 597251 TATTTGCTAG CTGTCCATCA TATGCCTGCC AACATCCTAG CACCTTTGCA 597301 GGTATGGAAT AAAAAATACA TTACAGAACC TTGGCTCATA AGAAGCATTA 597351 TTTCATTACC CAAAAGCAGC CAGAGAATAG GATGTCTTCA TCTTCACTGA 597401 GGGATTCATA ATTAAAAGAA TTAATTAGAG AAGCACCTGT TAGTCTGGGA 597451 TGGATTTCTC TAAGGTTTTT GTTGAGCAGA AAGAAGAAGA AGAAGGGGAT 597501 GTAGTCTCCT ATTGAACCGA AATTTCTTGT TGGTGCTCAT CTGTCTCCGT GTGATTATGT GAGCATTGTC TTAGTCAGGG TTCTCTAAAG GAACATAATT 597551 597601 TAGAGGAGG GAAGGAGGA GGGAGGAAGG GAGATATGTT TGTGTAAATA 597651 TTTACTAAAA TGGTTTATAG ACTGTAGTCT GAGAAGTCAA AAAATCGATG 597701 TCTCCCAACC ACAAGGCCAA GGATCTAGTA GTTGCTCAGT ACATGAGACT 597751 597801 GCATATCTTT ATAGTCCCAA TCTGATACTG GAATCCCAGG TACATTCTAG 597851 AAAGCGTCTA GGAAGAAGC TCTGATAGCG GCAAAGAAAT GCTTCAGTAA 597901 CAGGATAGAT GAACTTGCTA GCAAGAGTGA GACTAAACTG GCAAAAAGCA AAAGCTTCCT TCTTCGAGGT CCTTTTACGT GGGCTGCCGC CAAATGTGGC 597951 598001 CTAGATTTAC AGTGAATCTT CAGATCTCAA ATCCAAGCAA GAAAATGCTC 598051 ACAGCTGTGC CCAGTTGCTT GGGTTATAGT TGATTCTGGA TGCAGACAGC 598101 TTGACAACCA AGATCAGCCA TCACAAGCAT GGAGATTTGT ATGGAGGCAT TGGTTCCAAG CGCGGCTTAT GAGCATGGCC TTCCCAGTTG AATGGCTAGC 598151 TAACGGAGAA GGGAGGCCAG TAAAACCGGA ACCCGAGTCA CGGTGCAGAC 598201 598251 ATGGTCCCAT GGCATTACAC ATGCAGTTAA GAACACTGTG CTCAACACAT 598301 ACAGAGAGTG TTAGTGTTCA GTGAAAATCA TTAACCAATA AGAATATGAT 598351 GGATTAGGAA CAGAAAACTT TTTTTTCTTC CCACAAAACA ACCTGGTTTC 598401 TAAAGGAGAG GTGGCAAAGA GACTCTTCCA CAAATCAGAA CGGAAAAAAA 598451 TTCTACCAGC ACTGCTTGTG TCAACAGTGT CTCTTGGCCA GTCGTACAAG 598501 AAGCAAGTAG TTGGGGGCTG GAGAGATGGC TCAGTGGTTA AGAGCACTGG CTGTTCTTCC AGAGGTCCTG AGTTCAAATC CCAGCACCCA CCCACGTGGT 598551 598601 GGCTCACAAC CATCTGTACT GGGATCCGAT GCCCTCTTCT GGTGTGTCTG 598651 AAGACAGCTA CAGTGTACTC ATAGACATAA AAAAAATTAC ACAAAGCAAG 598701 TCATATAAAT AATTGAAATG AAATACAGAA AAATGTCACT GCTTGCTAAC 598751 CCTACACTGA TGCATATATT CTAAATATAT TCATTTGAAA AACCATTGTC 598801 AGATTCCAAG ATGTAAGTTG CTTGAGAGAG CACACGCTCC CTAGCATCGC 598851 AAAATACAGA TGTTCAATCA ATTCTCAGCA TTCATACAGT GTGTCAGGTA 598901 AACAACTATC AACTTCCAGT CTTTGGAAAA AATAATTCAT TTATAAAAGC 598951 AATGGAAGTA TTCAGGAACA AACTTCAGAA ACAACATGTA TTTCCTGTAT 599001 TTAAAAGTTA CTTTTAAGCT GAGCAATGGT GGCACATTCC TTTAATCCCA 599051 GCACTTGGGA AACAGAGGCA GGCAGATCTC TTGAGTTCAA GGCCAGCCTG 599101 GCCTACAGCC TGGTCTACAG AGTGAGTTCC AGGACAGCCA AAGCTTCACA 599151 599201 GAGACCTTGT CTTGAAAAAC AAAAACCAAG CAAACAAAAA ACCCAATTAC TTTTACTAAA AGACACTTTT TGGAGACAGC TACCAAAAAC AGAATGTTTT 599251 599301 TTGGCTTGCC ACAGTTTGTC TCAGCCATTC CCCCCCCCC CCCCCATAA 599351 TAAGAAGGTA GCAGAACAGA GAGTGGTCTG TTGAGCCTAT TTATAGTTTG 599401 TCATTGTATA ACCTTCTCAA TTAGAAACAT AAGTGTAAAT AGATATGTAG 599451 AAGATATCTC TTTGGAAAGT AGGAAAAACA TCTATGTATA TCCATAAACA TCCCATGTTT CTTAGGAGAA TTTACTTCCA TGACTTATTT TTCTAGATTT 599501

599551 TGAAATGAGT AGGAATTTAC TTTATATTAA TACTGTATTT ATTTGGAATA 599601 ATATGAGCTG ATTTGAATAT CTAGTGTGTG TGTATATATA TACATATACA 599651 TATACATATA CATATACATA TACATATACA TATACATATA CATATACATA 599701 TACATATACA TATACATATA CGTATGTATA TATATGCATG ACCACTGTTA 599751 ATAATTATAA ACAAATGCAT TATTACACAA ATACATTGTC TGTTTGTACA 599801 GTATGTATAT AATGGTCAAT GGATGACAAC AGTAGTTCTT AATTTGTTCT 599851 GACTTTAAAA TAGTAAGATG ATTGATAGAA TACAACTCAA AGATGAATAC 599901 AAGAATTTTA AAGATCAGAT GTTATAAAAT AAGGAGAACT AGAATTTTAT 599951 AAAAAGCAAT GACTTACAAA CTATGGAAAC ATTCACTTCA TAATTCATGT 600001 TAAATTTAAA AGTACATAAT TCAGGGTTGA TGAAAGGGCT CCACTGTTAA 600051 GAACACTGCC GCTCTTCCAA AGCTCGACTC CTACGCTGAG TGGCTCACAA 600101 CCACCTGTAA CTCCAGATCT GACGGTCACT TCCTGCTTCC ATAGGCAACT 600151 ACACACACA ACACACACA ACACCCACAC ACACACACACA ACACACACAG 600201 CATACCCTCA CACACTCTCT CTTAAATACA TACAAGAAAA TAAAACAATA 600251 AAATATTTAA AAATATATAA AGTGAATCTA GGATAATTGA GTAACTTACA 600301 TAAAGAGTCA CAGAAAATGG AATCATATGT CACATAGTTT GAAGGTATGA
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AACTCTCTAT ATATTTTCAC TATAACATCT TNTCCTATTG CTCCTTATGT
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602651					AGGAATATGG
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602751			GAGTGGTAGT		TTGAAGGAAC
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603151	TCACTTACTC	CTTTGAGACG	GGTCTTTCCC	TAAACTTGGG	GCTCACATTT
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603651	CCCCCAGTGA	TACACCTCCT	CTAATAAGGC	CATACCTTCT	AATCCCTCCT
603701	AAAAAGTTTC	ATCAATTGGG	GACCAAGTAT	TCAAATATAT	GAGCCTGTGG
603751	GTGCCATTCT	CACTCAAACC	AACACTTAAC	CTCTCCACTT	CTCCTTATGT
603801	CACATCACAT	CTTGTTGACT	CTAGGAAAAA	AATATGTGTG	TGTGTATAAA
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603901	ATATATAGTA	TATCATATAT	GTAATAAATT	ATATACACAC	ATATATACAC
603951	ACACACATAT	ACATAAACAC	ACACATATAT	GTGTATATAT	ATTCCAGTTT
604001	GGACTCATTC	TTTTTACTCT	TTGTCCATAC	AATCTTATCC	ACTTATCCAC
604051	TTCCATGGCT	TTATATATCT	TCCGTACATT	CAGATTTCTT	TTGTGTCTAG
604101	CCAGTATCGA	TTGATCCTCT	GACCTTCAGG	CCTATCTTGA	TATATCCTTT
604151	TGATGACATA	CAAGTATCTT	GAACTTGAGA	GATCCCTCAC	TCCCTTAGCA
604201	AGTCCCACCT	CAGCATATAC	TTACCACTTC	TGATGCTTTC	ATCCATCAGT
604251	CTTCTCACCA	GAATCCTCAC	ATTCACATCC	CTCCCGCCAA	TCCTGTTCAT
604301	CCAACCTCCA	GATGGTTCTC	CTAATTGGTC	TGATTCTTTC	TATTTCACTC
604351	TGCCACTATA	GCCCAGGCTT	CTGTCATCTC	TTGATGATGT	CTTGATGCCA
604401	TGTGACCCTC	TAGGTTGACT	CTACTGGGAT	GTCTGTCTGT	TCTTCTGTAA
604451	ACTCTCAAAG	GATAAGGACT	GTAGTTGTTT	AGCTAGCTGG	TTACTTGGTG
604501	CCTTGAGCAG	CATTTGGCCA	TGTTAGGAGC	TTGTTATTTA	TTTATAGAAT
604551	AAATAAGCAG	AATGGTTTCA	GTTATGTAAA	AATTATGTGT	GAGAACTGGA
604601	AGGAAGTGGG	GAATAATTAA	ACAGCTGACG	AAAATGGGAT	TTAGAAAAAC
604651	CACTGATGAA	GGAATTCAGA	GTAAGAGACA	CACATATAAG	AAATATGTAG
604701	TTATGCACCA	GCGTGTGTGA	TGGAGAGAGT	ATCATGGGAT	
604751	ATATGACCGA	GAGTGCAGGC	CCCTGAGAAG	ATAAACTAGC	AAGGACAGTT
604801	TGGAGTTCAT	TCCCATACTC	CTGTGAACTT	GTGGTGGTAC	
604851	ACCCAGCTCC	TCAGAAGGCT	GAGGCAGGGG		
604901	TGGGATGCGT	ATGTAGACCG	GTTGTAAAGT	GCTTGCCTAG	
604951				' AGGTAAAAAA	
605001			: AGGTGAACTT	GGTCTGAAGG	
605051		ATTCTATGGA	CTGAAAACAC	ATTTTTTAAA	
605101		TATAGATTCA	GCAAGCTGTT	AGGGGTCCAG	
605151		. TAGGTGGCCA	TATAGGAGG	CTGAGCAGAG	
605201			GTGGTCCAG(	CCGCTGGTCT	
605251					AACCCATCTG
605301					
605351				A TATTTCTTGT	
605401				C TTTTTGGTCC	
605451				A CTCAGAAAAC	CCTCTTCCTG
605501				r AAACCATAGO	TAATTTTAAA
605551				C ATAGGAAGGA	
605601					
605651					
605703		TAATGTAGAG			G ACAGAATACT

TTTGCTGTTT CAGTAAGATA CATCATCCCC TCAACCTCTC TTGGATAATT 605751 GTGATTCTCA AAAAGATGAA CCATGTCTAG GAATCCCTAT GAAAATAAAG 605851 ATAAATCAGG AGGCATTTGC CTTATTAGAT ATTTAAAGTA GTAAAAACGT 605901 AGTGACCATG GGATAGAAGT AGATTCCAAA TATATTACAC GTATTATATG 605951 GTAATACATT GCAAACAGGA CACTGTGGTG GTTTGAATGG GAATGGCCCT 606001 CATACACTCC TGTGTTTGAA CACTTGGCCA TAGGGAGTGT GGCCTTGTTA 606051 GAGGAAGTGT GTCACTGTGG AGACAGGCTT CAAGGTAGTA TGTATGCTCA 606101 AGCTATGCCC AGTGGGGCAG ACAGTCTCCT GCTGCTGCCT GTGCATCAAG 606151 AAGTAGAACT CTCAGCTCCT TCTCCAGCAC CATGTCTGCC TGCATGCTGG 606201 CATGCTTCTT GCTATGACAG TAATGGACTA AACCTCTGAA CCTGTAAGTC 606251 AGCCCCCAGT TAAATGTTTT TCTTTATAAG AATTACCATG GTCATGGTGT 606301 CTCTTTACAA ACCAAGACCA AACAAAACAA AACAAAAACC TAAGACAGAT 606351 ATCTTGAGGG ATGGGGAGAT GGCTCAGAAG TTAAGAGTGC TCGTTGCTCT TCCAGGGGAT CCTGGTTTGG TTCCCAGAAC ACACTTGGCA GCTCATAACC 606401 ATTTGTAGCT CCGGTTAGGG TTAGGGTTAG GGTTAGGGTT AGGGTTAGGG 606451 TTAGGGTTAG GGTTAGGGTT AGGGTTAGGG TTAGGGTCTA ACCCTGATAC 606501 AGGCACATAT AGATACATAT ACATATATGC AAGAAATACA TTTATACAAA 606551 TAAAATACAC AAATCTAAAA TGTTTTCTGA AGTAAAAGTG ATATCTTGCT 606601 TCAGTGGGGA AAGGAAAGGG TTTTTTTGTT GTTTAGGAAA TGGTGATGAT 606651 ATAGCTAATT AGCCATCTGG ATAAAAATAA AATTGGACTT TTATCCCACA 606701 606751 CTATAGATAC ACAAATAAAT TCCAGATGGG TTAAAAATGT TAAGTTTAAA 606801 AAACAAAACA GTAAGGAGGA TGGAACTATT TAATTCTTGT CTGTAAGCTA 606851 GAGTTTAGGA CGCATTTAAT AGTCAAAACA AGAACACTGA TATCTGCTTA 606901 CATAAAGAGA TGCTGTATCA GGCTAAGAGA TTAGACAAAC AAAAGTCAAA 606951 ACGAACGGTA GATTATGAGA AAGTGTGTCA GAAATATGAC AGATAAGGAT 607001 TAATATCTAC GTGGTGCAGA GAGCTCTTCA AAATTGATAA GAAAAATACA 607051 CAGCAGAAAT GTGGTCAAAA ACTTGGAATA TGCGTTTCAC AGAAGAACAA 607101 ATCAAACACC CAGTAAAACC CATCTGTGTT TTAATACCAG CTCCCTAGAG 607151 AAACTCTCCT TCCCATGGCA GGTTGTCTTA CTTAGGGTTT CTATTTCCTG 607201 TGAAGAGACA CCATGACCAT GACAACTCTT GTAAGGAAAA CAGTTCATTG 607251 GGGCTGGCTT ACAGTTTCAG AGGTTTAGTC CGTTATCCTT ATGGCAACGA 607301 GCAGGAAGAG ACAGTGAACC ACGTTTGGCC TGGCTTGAGC TTCTAAGACT 607351 TCAAAGCCAA CCTCCTAGTA AATCACCTCC TCTGACAAGG CCACACCTCC TOTGACAAGG CCACACCTCC TAATCGTGCC ACACCCTCTG AGCCTATGGG GCCATTTTCA TTCAAAGTAG CACACAGGTC TACAGGTGAT TTCCCATAAG 607401 607451 GCTTTAGGAG GGATACCGAC GGTACAAACC AACCGTGTGA TATGTGTCTT 607501 CCTCCCTACA CAGACCACAG TGACCATTGT GGGAAGCATC TCCGCAAGAC 607551 607601 ACTCGGAGTG CGTGGTGAAG AACGCAGACA CGGGCAAGCT GCTCTGCCAG GGGAGAAGCC AACTGAACTG GACCTGTGCC TGCAATATCC CCAGCAGACC 607651 607701 CAGCTATAGT ATGTGGATTC CTCTGGGCAA TCATTATACA GTCAAGAACA 607751 AGAGCCTCTC CTGAGTTCAG TTACTGGGGG TTGGGGTAGT TCCCTTCCTG 607801 TCTCTTTACC TCTGGTTCTC ACCCAAGTCT TCACTACATA CTACCCCCAT 607851 CTCCTGAGTC TACTCCAGCC CCTCACTTC TGATGTGACT GGGGAGAGAT 607901 AGGGAAGGAG ACATTGGCTA AGAGAGCTTA GTAATACTAA TGTAATATTA 607951 CTAGGTACCT ATAACCATAA AGGCACCTTT ATGTCTTAGG ATTTTATTGC 608001 TTTGAAGAGA CACCATGACC ATGACAACTC TTAGAAGAAA AACACTTAGT 608051 TGGGGCTGGG TTAAGTTTCA GAGGTTCAGT CCGTTGTTGT CATGGCAGGA 608101 AGCATGGCAG CATGCAGGCA GACATGATGC TGGAGAAGCT GAGAGTTCTA 608151 CATCTGGATC CACAGGCAGC AGGAAGAGAC AGTGAGCCAC TCTAGGCCAG GCTAGAGTTT ATGAGACTTC CCAGCCCAAA CCAGGGAGAC ACTTTCTCCA 608201 ACAAAGCCAC ACCTACTCCA ACAAGGCTAC AGCTCTCAAT AGTAGTGCCA 608251 TCCCTATGAG CCTATGGGAT CATTTTCATT CAAACTACAA CACCTGGGGT 608301 GGATCTCTTT TTGGGTGATA TCAGTCCTGC AAGAAGGAGG GGAGATAAGC 608351 CAGAGAAAAG AGAGAAAGGA ATGCAACCAG AGACCAGCTT GTGTACTAGA 608401 CAGAAGAAGA GAAAGGGGCT TAAACTGGGG AACTAAAAAA AGGCTCTCTA 608451 TGAGTGGAGC AAGCGGGATA GGGGCAGGGA GGACCAGACA GCAGGGGAGC 608501 TAGGGGACAA TAGAAGACCA TGTGAAACGT GGGCTCCATC CTGGGACGTC 608551 TCAGCTACAA GTAGCACAGT CAGATTCATT AGCAGGAAGA GACAATTGTG 608601 608651 GATGATCTAT CCCTGGAGAA GATAAGCCCC ATGGGGCAGG AACCTTGAAA 608701 AGTTTGTTGC TGTGCATAGC ATTGTATCTA GCCCAGTATG TCAGTGGATT 608751 TTTAGGGAGT AGATGGACAG GTGAATGGTA ATGAATGGAG AGGAAAGTAA 608801 AGAACTGAAA TTCTTGGTTC CTAAAGAGTG GCTAATAGAA AAGCCATCGA

608851 GGTGGTCCAG ACAAGAGAGA CTAAGAGAAG GTACTCGAGG CGAATGGATG 608901 CAAAGTGGAC ATCTAGGGAT GTCCAGGAGG CTCAAAAGAG GATTCATGAG 608951 TCTGCTAAGA TGGAAAAGAC TTGGGAGAGT TAAGGTGATG GTGGGCGCCT 609001 CCTAGAATGT TATCACACTG GAGCTGTTTG AGTTGCTTGT GAGCAGCAAA 609051 GTTACTATTG GATAATGTAT AGCATGGTAA AATTTATTGC TTATAGTTCC 609101 AGAGGCAGGG GATCCTAGAT GAGGGCATCA GACAATTCAG TGTATGGTGA 609301 TCTCTGTCTC TCTCTCTCT TCTCTCTCT 1C1C1C1C1C
609351 TCAGAGATGA TGCCCCAATCC TCCCTTATAA GGACACCAAT CCCATCCATG
TCATGATTA ACTACTTCCT GAAGGCTCCA AGGTGTTAAA TCATGAGTCC TCATGATTTA ACTACTTCCT GAAGGCTCCA 609401 AGGTGTTAAA TCATGAGTCC TCATGATTTA ACTACTTCCT GAAGGCTCCA 609451 CCTCATGATA TTATCAAATC GAGTGTTGAG TTCCCAAATA AAAATGTTGA 609501 TATACCAAAC AGCAAGCCTA GAGTGCTCAG TTGAGCCTTC TTCCCTCAAG 609551 AGGGAACTGG ATACACAAAG CCAGAGTCAC AAGCTAAAAA TGTCCCTTGA AATCACTGGA TCTAGATACT TTAAAACTGC ATCAGTTTTC TACTTTGTCA 609601 609651 CCACTGTACT GTCTTTCAAA TGCACTTCTG GTGAAATTGG GTCATTAAAG 609701 ATGCAGATCT TGCTCACGTA TAAAATATCA CTCTAAGTAT CCAAGACAGA 609751 CTTAGAAAGC TTGGCTGAAT GCAACAAGCT CAGGTATCTA TTCTTTGTGC 609801 TCAGCTGTCT AAAGCAATGG ATGAAACTTA GTTTGTGGGT TCTCTATCTG 609851 TCTCTCTCTG CCTCTCTGTC TCTGTCTCTC TGTCTCTGTC TCTCTCTGTA 609901 TATGTAGCAA ATCCTCCTGC TTTAGCCTCC TCAGTGTTAG AACATATATA 609951 TGTGTACACA CACACACACA CACACACATT TCTAGACATG ATCCATCATG 610001 TCTACATTCC TGGCCTATTT GGGCTGGTCT TACCTCTCCT GTCAAGTCTT 610051 GTTTTCCATA TACTTTGAAA CAGTGGAGAA AGGTCACCTC TCCCATACAC
610101 CTTCCTAGTC TCTCTGCAC ACCTTTGGTT TTCCAGAAGC ACCTCTGTCT
610151 TGTACCTAAA TTCTACATGG AGTTCAACCT CCGCACAACA TGGTATCCCC 610201 TTGACTTCTG TTTCTTCTTC ACCTTGGCTA TTTTACCTCC TCTAGAACTG 610251 TAAGTGCTTC CAGAGGAGAG GCTGTGAATA TTCATTTCCC TGGGAAATTT 610301 CCAACATGTT GTGCACGGTT GGTGCTCAGT AAAACCTGAC TTCTTGGGCA 610351 CCCTCCTGG GCCCTTGTCA GTTCTATGG AATGCATTTT CGCTGGAGT 610401 CCCTCAGTAC TAAATGGCCA TGTGTGCGTT CCACTAACAT GCGTCAAGTG TCTGTGCAGA TGCTCCTGCC GAGAGGTCGT GTCAGCCCTC CAGACCTCCT 610451 TGTCTTTAAA ACAAAAGATT ATCATTTCAC ATAAGCCCAC TTTGCGTGAG 610501 CAGAATGCTG GGTGGAATTC CAGCCACACA GAGAATCAAA GGAGTTCCTT 610551 610601 GTGCTGGAAG AGAGGCATCT CCACGCAAGG ATCCTTAGAG TTTGTGAACA 610651 GCGCACTAAT ACAATGCCAG GAAGGAACAT AGGGACGATG TCTACAAAGT 610701 CAGGCCAACT TCTCACAATG TCAAGACTCC CATTTAACAA GCCTCATGAA 610751 TTCCTACAAG TAAGAAGATA TTATTTCCTC TGTATTAGTG CTGGTCCTTG 610801 CTTAGACATA ATAGGACCAC AGTGATGTTG CTGTGGACCA CGGTACCCAA 610851 AGGATGGTCT GTGTGCTCAT TATGTTGGGA GGGGCGTTAC AATATTCAGG 610901 TTCTGAGACC AGCCTCAGGT CTGCAGAGTC ATGGTGGCTT AGAATACAGC 610951 TCTGGTGTTG ATATTTCCCT AAAGCCTTTC TGATTCTGAC CAACAGCTGG 611001 GTTTGATTTC CTGCTGCCTC AGATCCAGCA TTGGGGTTTA AGGAGCTACC 611051 GAAAGCAGCA TTTCTCTACT GCTGACTTAG CATAGGTTTT ACCCCTCCCC 611101 CCATTTATT CTATTGGAGT TTTCCAACCA ACAGATAAGG TTTTCAGAAG 611151 CAAACCAGAA CACCTTCACT TGACAGTAGG TGACTCCAAG GAGATCATTG 611201 GGCCTCACCC CAGGGTACGG CGTTCAGGGT TTCTTAGGTA AATATTTACT GAGTGTGGAT GGCTCTGAAG GTGCAGGGTT TCTTTTCCGG TGCTGGCATT 611251 CATATTCCAG GCACTTCTTG CTCGGTGACT TGTTTTATTC TCATGCCTTG 611301 GCCAATTACA AGCTGAGGTA GTGATCCCAG CGAGAGCATG GGATGTAAAT 611351 GGGCTGTAAA ATGGCTTTTC CTGGTGATTA TCTGTGGGAG CCTTGGAGCT 611401 AGCATCAGGC TCAGTCTGTT TGGAGGCTTA TGCTGTGCAC TGCGGCTGCC 611451 TGACATGAAT GGCCCATGGG GAAGGAGCCA CACACTGATT GAAATGTTGG 611501 TGAACAGCTG GCACACCCGT GCCCTCTGTG TAGAAAAGGC AAGAATATTT 611551 CTTTCTTCCT TTTGCATCTC CAGCTATGCT TGACTATGGC GGGGACCCAC GATGAATGCC TTTTCCCTTC CCTTTCTTTT CCTCCAGATG TCTTAGTTGT 611601 611651 CAATGCGACC TTCTCCTTTC CGTCTTGGAA CTTATCAGAA AGATTCAACT 611701 TCACCAACTG TGCGTCATTA AAAGAGTAAG ATTGGCTTTG ACTTTTAAAT 611751 611801 GTTCTCATTG CTTTTAAATT TATTTGTTTT GCTCCTCGAT TTCCTAAAGA
611851 ACTCCTTTGC GAACTAGAAC TTTCCAAAGT GCCTTTTGGA GCATGGCCTA
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GCCCTAACAA GAAAACTGGA GCAGCCTCAG AGAGCATGCG CCAAGGTGTC 611951 CCTATCAACA GGGAAAGGTA TTTTCCCCAG ACCTGGAGGA TCCCTGAAGA 612001 612051 AAGGATCAGT AAGGAATACC ACTAACTCCC ATAATGCAAA TGGCTCTGGG 612101 AGTTTGGACA GAGCAGTAAG ACTTGCGAAT GAGGACAAGT TGAAGTCTCC 612151 TTCACCAAAA AGGCATATCC ATTTTGCTTT CTCTCTGTGG TGCTAGGGAA 612201 CTGGACTTGT GGGCCTTGAG CATGCTAAGC AAGTCTACCA CTTAGTGACC 612251 CCAGCCCTGT GTCTTCCATT TATTTACTAT TGGCCCCAAT TCAGCTATGG 612301 ACCCTTTGAA TTTGGACTAC AGCTCCCTCT TGGCTCCTAA AGCAGAGAAA 612351 AGGCAGAGGA AATAGTCTCT TCAGAGGCCC ATCCTCTGCA GCTGGGACAG 612401 AGGACACTGG TGGGCTGTAT TACCAGAGGT GTGTTATCCA TTCTGGGATG TGATTGGACA TCAGCATAGG AGAACAGCTT CCAGCCTGGC CCGGAAGTCA 612451 612501 CTATAGGAAA AAGTGAAGTC AGATGGTGTT AAGTTACCTT TTCCAAAGAG 612551 GTGCATTGCA AGGCCACAGA GAGTCATTGC TGTCTAAGAA GCAGAGCGAA 612601 GTTAGGGAAG AAAAATAGAA CTCCAACCCA GGTAAAAGGA AGAGAGAATG 612651 AAGTAGAAAT TAGGGGTGCA AGGACAGTTT AAAGATGTCT TGCTGTAGAT CCCCTGCTCT AGAGCCCAGG TAGAAGGAAA TGACATACCC CAGGGTCCCA 612701 ATGCTAGGTA TATACCAGAC CTCAGAGCCA GATCCACCAG CCTAGAGAGC 612751 TCCTTTCAG GGAACTCCTT GGGGAACAGG CTTCCTCCCT GATATGTAGT 612801 CTGTTTCTG CCCTCAGGGA ACTTCTTTCT GTCTGTTAGG ATCTCCGGAG 612851 CATATATGAA CTCCAGGCCA AGTGTACTCC CTCTGTCCGG TTTCCTCATC 612901 ACCTCCTGCT AAGTTTTCTT GAGGCATCCC TTGGACAGCT CTCCAGACCA 612951 GCCCCGATCT TTCTTCTATT AATAATGTCT CTCCCTGATC TCCAATCATT 613001 CCTTATGCAT GGAGGGCATT CTCAGGCTCT CCACAGTCAC CCACGCACAA 613051 ATGCCTCCTT TGATTCTCAG GTCCAACTCT TCCTTTGGTT GTAAAGCAAA 613101 CAGTGGTGCC CCATCCTCTC TGCCTGCCAG GAAATGCTTT GTGTCTCACA 613151 CCGTGTTGTG GGCAGCACAG CTGCTCCAGA CAGCGCGGGC TCTGCTGATC 613201 CGTTGAGTGG CAGCCGGGAG AGAAAGATCT CACTTTATGG AGGCTTACCT 613251 613301 GAGGGTAGGC AAATAGCAAC CAGGTTCAGA ATCGGATTCA GTGGGTTCCT 613351 GTTATCAACA GACCAGCGGG TGACCCCAGC TTCAGGTCTC CATGGCAACA 613401 CCTCTGTAAG TGTGATGACA ATCCATCAAC TCACAGGGCT TCCCAGAGAA 613451 ACACATAAAG CCTTGCTCGC TTCTCCAACC TCAAAGGAAA TCCTTCCTCC 613501 CTTTGTCCCC CTAGCTAGTC AAAGACTTTA TTATTAATAG TAGTATCATT 613551 CCTGTATGTT CTCAACCTGT AGCGCCACCG AGGGAAGTTT CTAGAATATG 613601 AATAATTCCC TCAAAGTACA GAAATTAAGT TGTTTATTTT CCGTGTCACC 613651 AGATGCCCGG CGTGTATCAG AAGCGGCTGT GCTTGGTGTA AACGGGACAA GAAATGCATC CACCCCTTCA CCCCCTGCGA ACCATCAGAC TATGAGAGGA 613701 ATCAGGTAAA GTGACATTTC GAAATATGAC AGAGATCTAT CGGAAGCAAG 613751 TGCCTGCGTG CGCACAGCCC CACCCCTTTC TGTGTGTCAC ACTCCCATGC 613801 TGAGGGGATG TTCTCCAATG CAGGAGCTCT GTCAAGTTGC TGTGGAGAAG 613851 TCGCCCAAGG ACTCAGGAGG AGGAAGAGTC AAGGAGAGCA AGAGAAACAG 613901 AACTGACGGG GCTGTGCAGG TCAGGCTCAA CTTTGGTGCT GGTAATGGAA 613951 AGACAATCCC CTTTTGATGG CAATAACAAC TCTTACTACT TTGGGTTTCT 614001 GTTGTAAAAT TCCCCATCTT ATAACCTCAG TCCCTCCTCC CCCACACACA 614051 CTTTTTTTT TTTAGTTCAT TTTTAAACCA AGTTTCACAT AATTGGCTCA 614101 ATACATCAAA GGCTTTCACA TTCACATAAG AGAAATTAAA ACTTTGTAAT 614151 TGTGAAAAAT GATGCGGTTC CAGTAGAAGT GGAATTGTAA AGGTGACTTT 614201 GTGGCTCACT GGGGAAAGTA CAACGGACAG CTGAGCTGAC CTCAGTTCCA 614251 ACCAGATACT CTGACTTCAC TAATGACCAG CACTGTGTGT GTGGTTAGGG 614301 ATCTATGCAA AATAAGCAAA CTGACCTTGC TTATTTTTTG ATTTGATTTA 614351 TGGAGTTGAT TGACCCCATC ATTAATAACA TCAAGATAGA ACAGCTGAAG 614401 AATATGTGCC TCCCTCCCTT GTCTCAAAAG TGGCGGAGGT TTTTTTCCCA 614451 TGAAAGTTTC CTGGAAAATT CTCTTGCTTT GTCTTCACAG TTATAATTAC 614501 CACAGCCTAG ATATCAGTCA TATACAAAAA GATGGTCTGA GACCATGTGA 614551 ATATTTCCGC ACAGGACACA TGTAACTCTG TTTAGTTCCG TACTGGCTCC 614601 614651 CTCCAGTTGC TAGAAGTTCA TTAATTGTTT ACATGTGGTA ACACACACAC 614701 GGTTCCCTCC CTCATTCTCT TTCGACTCTG TCAAATTAAG ATCAGCACTG 614751 GAAGAAATTC CAAGGGCCCA GCTTTCTACT CTCTGACCAG GCTGGGGCTC 614801 TGATTTAGCC ATTTGCTGCT ACTTAAGGTC AAGTGTCAAC ACCAATAAGG 614851 AGCACATTTT CAATCATTAC TGAAAAGTTG ATAGTAACTT TAGGTGAATT 614901 AAGTAACAGG CTGAGGGCCT GTGAACCCAA ATGGATTATA AAGTTAATTA 614951 AAGCATTAGT GAACCTTGGT GTGCCAATAT CTCCGGCCTT TGAGTCTCTG 615001

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615251	CATGTACAGC	CAGTCACTGC	AATACTTTTC	ATCGTGCCAG	ACTGAAACTC
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615351	CCCCGGCCCC	GCCCTCACCC	TGCCCCCAGA	CTCTTGTAAA	CCCCTATTCT
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615951	ACTGGCTGAA	GTCCTCTGCT	AAACTCCTTC	CCATTGACTT	GACTGGTTAA
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616101	TGAATGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGAGAGAG	AGAGAGAGAG
616151	AGAGAGAGAG	AGAGAGAGGG	AGAGAGAGAG	AGAGAGAGTA	TGAGAGAGTA
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616251	ATATATATAT	ATATATCTGT	ATATGTATAA	ATATATATAT	GTGTGTGTGT
616301	GTGTGTGTGT	GCATGATCAT	ATGTGTGTGT	TGCAACATCC	CAAACCCACA
616351	GCCTCACACA	CACCAGACAA	GTACTCTACA	TTAAGTTATA	TCCCTGAACT
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616451	GCCTATTTTT	TTTTTCTGTT	GTTTCTTGTG	CTTTGGGGGG	CAGGCTCAGG
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616651	TTTCCAGCAC	CATTCCTTGA	ACACTCTCTC	CCTGGGTCAG	TGGTTATAGC
616701	ATCCTCACTG	AGAACCCCAT	GGGCTTGCAT	GCAAGTCTTT	ATTCCTGAGG
616751	TTCCTCCCTG	TCCCAGTGCT	CTGAGCACCC	GTCTTCACAT	GAGTACTATA
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616901	TAAAATTTTC	ACTCTGTTTT	CCTCTGATAG	TACCACCTAT	AGCTGAAGAT
616951	TAGCCCTGCT	AATGATGTCA	AAGGTCAAGG	TATAGGATGC	TCATTACCAC
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617051	CACCAGCCCT	GGAGCCCCAC	ACCACTAACA	TGTTCTCCAT	TTCTATAGTC
617101	TGGTCGCTTC	TAAAATTTTA	TGTAAATAGA	ATCGTCTGGA	TGTCCCCTTT
617151	GGGAGATTAG	TTTTTTTTAT	TAAATTTGTT	TTTATGGATA	TATAAAAACA
617201	GAAATTATAC	ATATTAATGG	GGTACCATGT	GATGCAATTG	GATGGAAATT
617251	CAGCCGAGTT	CTTGTATAGC	AGTCTGGGCA	GTGCTTTATA	AATATCTTAA
617301	AGAGAAGGGT	GACATAGTCA	TAGCACCCTG	ACTTCTTGTA	CCTTCTAAAC
617351	TGTGATACTG	TGGTTTAAAA	AGTAGCGTCA	CCAAGAAAGA	AAGGTAGGTC
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617601	CTTTCATTAT	CACATGAACA	TGAAACTTTC	TGGTTTGCAC	GGTTGGTTCT
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617801	TGCTTCCTAC	AGGAAGCGCT	GAAGCATCTG	CTATATGATG	
617851	CTCCATGGAT	ACTGCACGCA		GAGTTAATCC	
617901	CATCAGCCCT	GAGACTCTTT	TCCATGAGAA		AGTACAAGAT
617951	TTATATAATA		TGTATAAGCA		
618001	TCAAAGCCTT	GCTATGCACA		TCTTAGTTTT	
618051	TTAAGCCCAG		TTAAGCACAA		-
618101	TTTGATGGAT	GCATTGATGG	AAAGGACTTT	TCAGCTTACC	TTAGAGGGAC

618151 AAGAAATACC TAGGCTCAAC AAGACAGAGG AGTGAATATT CTTCATGAAG CAACTGCCAT AAATAAGTGT AGTCATGGCC GGAAAATCCA GGAGACCTCA GTAGTTCAGT TTGTCTTGGC AGCAGAGGCA GGGGACAAAT GATAGCATAG AAGGGTGAAC AAGCTGGAGC CTGTGTGTGC TGGGATGTAT ACCTTTGGGG 618301 ATTTTTGTCT TGCTTCTTCA GTGGCAATGC AAAGCTTTTC ACTACATCTA 618351 TTTTAGTATC AATTTGATCA TCTGAGAATG TGGTGCTCAA AAGGGAGGAC 618401 618451 TCCTGGTTCA ATCCCAGGAC AGTCGGCTTC ACATTCTCAT GATCCTAAGA 618501 CTTACTTGAT CCAGGATACT GTGGTGGTTT GAATATGCTT GGCCCATGGG 618551 AAGTGGCACT ACCTTGTTAG AGTAGGTGTG GCCTTGTTGG GAGAAGTGTG 618601 TCACTGTGTA GGCGGACTTT GAGGGCTTCT AGTGCTCAAG CCCCAACCAG 618651 TGTGGAAGAG ACAGTCTCCT CCTGCTTGAC TTCAGATCAG GATGTAGAAC 618701 TCTCAGCCCC CTTTCCAGCA CCATGTCTGC CTGGACACTG CCATACTTCC 618751 CACCATGATG ATAATGAACT GAACCTCTAA AAGTGTAAGC CAGCCCCCTT 618801 TCATTGTTGT CCTTTATAAA AGTTGCCTTG GTCATGGTGT CTCTTCACAG 618851 CAATGGAAAC CCTAAGACAG ATACCCTGAT CCAGGAACAC CAGCCCTAAT 618901 TTGTCAGGAG ACTGAAGCAA AGAAAAGCAT AGGCCCAGTA AAGAAGCCCC 618951 AGATTTCATC TGGCCTAGAA CGAGGGCAGC CATCTGCTGT AAGACCAATC 619001 TTGATCTCTG CTTTCCTGAA GCCATGAGAC GGCAAGTTCT GTCATCTGAC 619051 TGGGTGACCA TCTTTCCTTT CATTCCCTAA CCGTCTTTCA TCTGGTGCCC TTACCCAATG AGGGAAGCTG TAGCTGCCCT CCTGCCCACA GGGAAGGCTG 619101 619101 TACCCAATG AGGGAAGCTG TAGCTGCCCT CCTGCCCACA GGGAAGGCTG
619151 TAATGATATG TGGTGAATTG TAGATGTTGT CTTGTTATGT TTTTTGTT
619201 TGTTGGTTGG CTGGTTAGGT TTTTTTTTTT TGTTGTTGTT GTTCAATTTG
619251 GTTTGGGGG GTATTTGTTT TGTTTTTTTT TTATTCAAGA CAGTGTCTCA
619301 TTATGTAGCT CTGGCTGTCA CTGTGTAGAC TAGGAACTCA ATATGTAAGT
619351 AAAGTGGCCT CAGACTCAGA GATCCAACTG CTTCTGCCTC CAGACTGCTG GGACTAAAGA GATGAACCAC CATGCTTGGC CTCTTTGGCC ATACTCATAA 619401 TTCCTCGCAA TATGTTTATC ACTATAGGGA GGAAATCAAC CATGTCAAGC 619451 619501 TATGTCTCTG CTTCCCTCCA TGACTTTTCA ATGTGTGCTT TAATTTCTCA 619551 TATAGACAGT ACCAAATGGA CCCTTTCAAG AACCTTGCCT TCAGAAGGAA 619601 AATTAAATTT AACACAGACT TTTGTTGGTT TGTTTATGAG TAGCTTCTAT 619651 GGGCCTAGCA CTGTTCTGCA TTGAGTTCAT TCACAGGATA TTTGTTGAGC 619701 AGCAATTGTG TGTGTGTTGG GCAGGCACAA TACAGACCCA CATGGAGTTT 619751 GCACTGTCAA ACTTAGAATG TTTTGGAATG AGGAAGTGAG ATTCTTCGTT 619801 ATAAAAAGAG TCAAACACTC ATAACGGGAA TAGAAGCCAA AAAGAATGTC 619851 AGCGTGGACT GAGTTGACTA GTGGCAGCTA ATCTTTATCA GACCCTTGCC 619901 ATATCCTGAA CTCAGTGTCT GTTAATCTAA GCTTCACAAT GCCACATTTT 619951 ACAGGCATGG AAGTTTTACC TCAAAACCAA AATGTAGATA AGAAATTTGA 620001 ACCCAGGTAT CTGGATAGAG AATTTTCAGT TTTAACTACC ACCCTACCTT 620051 AAATGACCTA AACTGAATAA GTGTTAAGCC ACATAATATT ATTGCTAAAA CCCTCTCTGG AAGGGAGGAA ACTCTTAAAG ATAATGCAGG CTTTTCTCAG 620101 GATTAGACTA TAACAGTCTG TCCCATCTGT GCGTCAGGCA GACGGGAGCT 620151 TATTCTCATG GGAGACGGGG AGGGAGAGGG GCATCTCAGG GTGAGGGCTA 620201 TGAGAAAGAA TGAGCCCCAG GATGGCCCAG GATGGCCAAA ACAAGAGTGA 620251 GTCAACAAAA ATCCAGTGTT CAAACTGAGT CTTGGGAGAA GGTGTGTTAG 620301 AAGCAGGGTT AAGAACTATG TTCTCTGGTC TCAGCATCCT GATCCTTCAG 620351 GCCTGATCTG AGGGGCTACA TTCAGGATGA ATGGCCAAGA GTAAGTTAGG 620401 GGGTAGCCTT GGCAGCTCCA CCATGGGTTG TGTCAGCCTC ATCTTAGAGT 620451 TAGTCCCCAG GTCACAGAAG CAAGTCTTAA TCTCTCAGAA GAGAGCATGG 620501 ATCTCTGAAA GTTTCCCACC TAAGTCCTGA GGCCCTGATG ACCTTTGGCA 620551 GTTCCCAGTT CCCTGTTCCA TCCCAAGTTC TCTTTTGCTG TACTGGGACT 620601 CCTATGAAGG GCTATCTCCT TAGGGGACTG AGCATCAAAT ACATCGTGAG 620651 GTGTTCATTG AACTCTCCCA TTATTCTTTG ATGGGATTGT ATTCTGCTCT 620701 TTTCTTTCCA TATCACATTC CCTTTTACAC TTTCCCGTCT CCACGGCTGG TCACCACACC GCTCACTTTG TACATATGAT TAATATATTA CATCTGTCCT 620751 620801 CTTCTCGGCC ATTAATGAAG ATGTTAAATA ATTCTAAGCC AAATACTCAC 620851 CCCCGTGGGG CCCCACAGGA CACTTTCGTT TAATTAGTTG TATTACCTTT 620901 CATCTCTCT ATGTCCTTTG ACTTCAGATG TCCTGCTGAT TTTGAAGCCA 620951 TGTGACTTTT CATCCTGTCC TGTTTGAACT AATTTCATGA GTGAAAATCT 621001 GAGAGATGTT TTACCAAGTG TTGACTTGGG TCCAGACCTA CAGAGAGCTT 621051 CACTATGTTC TGATTTTTT TCCCCTAACA GATTAATAGA GTATAGTTTG 621101 TTCTTAATAA ACTGAGCCTT CTTAATGGAC CTCTTTCCAA TAGTCTTTTC 621151 TCTAAAAATG TCATGGCAAT TTGAGTTATG TTGGTGTCAG ACGTCACGCA 621201

621251 AGGTGAGCCG TAGTTAGGAT TTCTATTGCT GCAATACAAT ACTAAAGTGA 621301 CTAAAAGCAA GCTGAGGAAG AAAGGGCTTA TTTGGCCTAC ACTTCCAGGA 621351 CACTGTTAGT CATTGAAGGA AGTCAGGACA GTAACTCAAG CAGGGCACTC CACTACCTGG CGGCAAAAGC TGATGCAGAG GGCATGAAGG GGTGCTGCTT 621401 621451 ACTGGCTTGC TCCTCATGGC TTGCTCAACC TGCTTTCTTA CAGATGCCAG 621501 GACCACCAGC CCAGGGATTG CATGACCCAC CATGGGCTGG GTGCTCCCCC 621551 ATCAATCGCT AGTTAAGAAA ACGCTCTACA GCTGGATCTT ATTTAGGCAG TTTCTAAATT GAGGTTCCCT CCTGTCAGGT AATTCTAGCG TGTGTCAAGT 621601 TGACATAAGA CCAGCAAGTA CAAGTTGCTT GTGCCTTCAG AGTTGATCCT 621651 621701 CTCAGACGTT TTCAAGGAGA ACTGTTACAG GTGGTTATAC ACTTTCCAAT 621801 ACAGGCATCC TGCAAACTGC CTGATTAAGT ACTTTCCAAT ATGCTATCCT 621851 AATACAAACA AATGAGAAAC ACCCCCCCC TCTCTCTCTC TCTCTCTTT TCTCTCTTTA AACAAAATAG TTAAAATTTA CCATCACTTA AAAATAACCC 621901 621951 CTGTCTCTAA AGTGGAACTC CCAGGAAGTG GACAGTTCAG AGGTTAATGG 622001 GTAGAAGGTG TTGGGCCAGG ATGGTTACAG TCAGTGATGT CTAGATTTGA 622051 TGCAGGGGAA CCTTGGATAT GGAAAGAAGG AAGACCCTCA CTATAGGGGT 622101 GAGGAGGCCT GGCTGTATCC AGCCCAGTTA TGGTTTTTAG CTTGAAGGGT 622151 TGGCTACATC ATGTCAGGTT GTAAATTAAC TTTAAATTAA AGTATCAAAT 622201 AACATCTAAA GTATGGAGGG CAGAAAACAT TATGGGAAAG ATTGTTCTCT GGTCCTTTGT ATTCATTTTA TTTTTTAAAA AGTTAACAAA TATTAAAGAA 622251 AAAAAACCTT TTAATGAATC CTCATATCCA TGACGTACAG CTATGTAGCT 622301 GTGCTATCCT AAATTGTATA TTTTCACAGT GGGGTCATGC CACTGATTGC 622351 TCTTTAGCCT CCTAACTCTG AGATTAAAAA AAAACTCTCC TGGAAAATAA 622401 AAGAGCTGAT GCGACCCTCT TTGGAAGCAA ACTGCAGGCA CCTACTTCCA 622451 TAAGAAGCCA GGCCTAGACT CGGTCCTCCA TGGGCAATGT AAACTCCTCT 622501 622551 AAACAATAAG ATTGTCAAAC GAAATGCTTT TGAGGTTGCA AGGCTCAAGG 622601 GGAAATAGGA AGTTAAAAGG ATATCAGCCT CCGATGGTGT TTCTAGAGCC 622651 CTTAAAAGAG CAAAATGCAC CTACCTTTGA AACAACAACT TTTTTCTTTA 622701 CTAGTTACAA GGCTCTCTTA TCTTGTACTA TGAACAAGAA GTAGCATGTT 622751 CAAAAGCATG CTATCCTGTT TTACTATGGC AGACAACTAC AGTATAAGTA 622801 CAAGAAGCAC CGAGAAAAAG ACTTGGCTTC AGAGGACAAA TAATGGACAG 622851 TTTACAATAG CGGAGAGGTA TGACCAGGGA GCATCGCTCA GCGGGCAGCA 622901 CACGGGGATG AGCACAGAAG TTACAGGCCC TGAATTCCGA TCCCCTAAAC 622951 CTAGGGAAAG CCAAACACAG GAAAAGCCAA GGGCAATAGC ATGTATCTGT 623001 AACTCTAGCA TTCCTAAGGT GAGATGGGAG GCAATGCAAC TTGTACTGGC 623051 TGGTCTTATG TCAACTTGGC ATATGCTAGA ATTATCTGAT GGAGAGAACC 623101 GACCAATACC CTAGGCAGTT TTCTGACCTC TAACATACAC ATACACACAA ACATATATAT ATACACACA AAACATATAT ATATACACAC ACATACACAC 623151 623201 ACACACAC ACATATATAT ATATACACAA ACATACACAC ATATACACAC 623251 AACATACACA CATATACACA CAAACATACA CACATATACA CACAAACATA 623301 TACACACAAA CATACACACA TATACACACA AATATATACA TACAAACACA 623351 623401 623451 ATACAGACAA CATACAAGCG TGAGTGCACA AGTTTAAAAA AAATTTAAAC ACACACATAT CTTGCTTCTC TAATAAGACA GTGTGCTCTC TTGTAGAGCA 623501 GGGGATACAG ATTTTTCTCT ACAACAGTGG TTCTAAATCT TCCTAGTGCC 623551 GTGGCCCTTT AATATGTTCC TTATGTGGTG GTGACACTCA AACATAAAAT 623601 TATTTCCATT GCTACCACAT AACTGTAATT TGCTGCTGTG ATGAATTGTA 623651 ATGTAAATAG TTGTGTTTTC TGAGGGTCTT AAGCGACCTC TGTGAAAGGG 623701 TCCTTTGTCC TCCAATGGGG TTGTGACCCA CAGGTTCAGG ACTTCCATAC 623751 TGCAAAGAAC CTGGCAGTGT GTTTTGAGGC TGTGCCAGCT ACACAGTCTC 623801 TGTTGTAATT AGCTAGAGAT AATACACATA CTTCTGGATA ATGACATGTG 623851 ACATGTGCTG TTATATGTTT GAAATTCTAT TCTCCTTTTG ACATTTTTTT 623901 CCATAGGACA TCCAAAAACA GCAGACAGGA TTTGACCCTG GGTCTGAAGT 623951 TTCCTAGCCC TTGATCTGCC CCCCACCACA TACCATGCCT ACCTTTACCT 624001 AGCAGCTGCT GGTCTAGTGA TCAGTAAGTA CTTGATCACT TGGCTGTCAC 624051 CTACAAAGCT AAACAGCAAG TCTTCTTATA ACACACACTT GACATTTGCA 624101 AGGGATTTAT CTTGAAGTCG TTGCTAATCC CCATCCCAAG TACCACTCTA 624151 GGAGATAATT CCAACACCAC CCCCCATAAA ATGCAGTCAA GTATAACAGA 624201 624251 ATAATTAAAG TGACCCTTTC AGGCACGTAG TGGTTCAATA AATAAATACA 624301 GGGCTAACGT TCTTTTTAAG GTGATTAAAA TAAAGTCCAC CACAGGAATC

AATTCCCTGA TGCATTACAT CATCACCACG ATGACATTAA TAATGGATTT 624351 ATCAGAATCT GCAAAATCAA TCCACGGTGA TAATGAGTAG TGGCTGCTCT 624401 GCCAAATAGC CCCTGGGTTT GTCAGGAGAG CAGGGTGAGA GGTTGCTCCT 624451 ACCAGGCGGA TGGTCAGCGT GGCAGCCGAC CACATTCTGT CACCCGGACC 624501 AGCAGGAGAT GGGCAGGCGC GAGACATCAC AGAAGCTGGA CCAGTGACTC 624551 AGTGTCCTCC TGATAGACGT CATCCAACAA GCAGCTGATC TCTACATTTG 624601 624651 TGCTTTGGCC CAGTGTGGCA TGATGAGGCT TCTCTGAACT CTTAGGCCAC 624701 TTTCAAATGG GAAGAGTGTG ACTGTGGAGT CTCTGTATGC TAAGACCTGC 624751 CATGCTTTAT GTCAGCCAGA GTCTTGGAAT GGAGAGAATC TACAAAAGAA 624801 CCTCCATGAT CAGAATGGAC GATGGTAGCA CTTGGGGAAG AGGTGCACAA 624851 GGCACCTGGG TTGTTTTGT CTTGCAAGGG GGGAAACGAG AGCCCGAAGG 624901 GATGGCTCAG TGGTTAAGAA TAATTCTCGC TCTTGCAGAG GATCCAGTCC 624951 AAGTTCAAAT CTCTGCACTA ATGTCAGATG TGTCACAACA GCCTGTCATT 625001 TTAATTCCGG ACAACACCTT CCTCTGGCCC CTGAAGCAGC TGCTCACACA 625051 TGCATCTAAA TTAAAATAAA CCTTTAGAAG AGAAGGGAGA TGATTCCTGC 625101 CTCCTCTAGG ATTTGTAGGG GAAACTGATT AGATCTTGCA AATAGAGGAG 625151 AAGCTCAGAG AGATGGCCTG AGTGCTAGGG AAGTTAGGTA GCATGTAACT 625201 CCACAGGACT CAGTTTTGAT TATAGCCCAG AGAAAGCGAG AGACTGGGTC 625251 ACAGAGGTTA CACGAATGTT CACAATGCCT AACTTTTCCA TACGGGAGTG 625301 GCTCAACATT CTTAAGACAC CCTGTCCTCC GCATTGAAAC AAACAAACAA
625351 AAAATATGGA CTCCTTCCTA GAGAATTAAA TTCCTCTGTA TTGACATTG 625401 TATTGACGGA ACAATGAGTC CGTGTGAGCC TCCGCTGGGG AGACCACTTC 625451 CCTTCCCTTC CCTGGGCTTG AGCATCATGG GCCTCAGGAG AGGGAAAGGC 625501 AGGGGGCTCT TTCTCAACTC GAATGACAGC TCACGCCTCA GATGGAATAT CCGGGCTCTT CAACTGTCT TTCAACTGTC TTGTGAGACA AAGACTAATT GGTTTGACCC CATGCTGTCA CATGTTGAGA GACACGAATC TTCAGCCCTC 625551 625601 TTCCTTGAAT TCATTGATTT CATTAAATGC TGTCTGCTTG TGTTTGCAAA 625651 625701 ATGTAATTTC CTAGTGAGTT CTTCGAACCG CAACACATCA ACAGATTTCG 625851 AGAGAGAGA AGAGAGAGA AGAAACAGTG CCATTTTGTA GCTTTGATCT 625901 GCTGTTTTAA TCTCTTATTT CCAATAGGTC TTCTACATTA AGGCCATTGA 625951 GCCACAAAAA ATATCAACCT TAGGGAAAAG CAATGTGATT GTTACTGGAG 626001 CAAACTTCAC CCAGGCGTCA AATATCACCA TGATCCTGCG AGGAACCAGT 626051 ACCTGCGAGA GGGATGTGTA AGTTGAAGCA CTAACAACCG ATCTTTGGTA 626101 AAGTTAGAAA CCTACGCTAA AGCAGTGTTA GTAGGCCTTG GTGCTTTCTG 626151 TAGTCAAATG GCATTTAAGT ATTTTATACA TCAAAATTAT AGTAAGTAAA 626201 TTATAATAAG TAAAATCTTT AATGATTCAT TTGACATTCA GGTGGGAGAC TCTGGCCTGT GTTACATCCT CAGTCAAAAC CAGTTTCAGG ATGTTGCCAG 626251 TGGGAGCCTT GATTGGCTTT TAAAGCAGAG TCAAGTGTAT GTAGAAAGGA 626301 ACTAACTTAG AATTATAGAC ATGAACTTTG GAAACGGATG GATGGAGAGC 626351 GTGCTACCTG AAGTTGAAAA GGAAAAATGG AAGTAGAAAT GTTGTTCACT 626401 GTAGCTTTCT TCTCTCGACT GGCTTGGTTT TCATTTCAAA TAATTAAATT 626451 ACTAGGGCAT ATAATAGTAG TTAAAAAAAA CCCACCCCA AACAAATATC 626501 AGATGAAGTA CCCCTTAAAG ATAATGATAC CTGTGGTTCT TTTTATCCTA 626551 626601 GCAATGAAAA ACATATCCAG TGTTTGTTCA TTAATATTCT TAGGTGAATG ATAACACCTT CCCAGGGGGG ATAATACTAA CATTATGTAA TAATAACACC 626651 626701 GTGACAGATA ACTTTAGTTT TCTGCTTGTT GACTCTTATA AGTTTGGGTT 626751 AATTTGAAGT TTAAAAGAAA ATGTTTCAGT CTATATGAAC CATAATACTG AGCTAATTCT CCTCATGGAA ATGCATTTAA GACAGTCTGC TGAAGCGTGA 626801 TGTTTTGGTT TTTTAACTAC CAAAACAGAC TTGTACAGTG CTGTAATCTG 626851 626901 CCATGCCTAT TTAGTGAACT TTCTGTTTTA ATTCACTGGC TGCACATCGC
626951 TGCATCCCAC CTCCACTTAC TGCAGTAAAT CTGGGATACC CATGATCTCG
627001 ATGGGGGAAA GATACCCATC AGTGGCTTTC CTCTATACCA GAGTGAATCA 627051 ACACACATTA AAGCCTGTAT CTATGCAACC TGGGTTGCTT ATGTGCACCA TTTATCCTGG CTAAATACCT TATAGCAAAG ATCTTTCATT TTGTGTGGTG 627101 AAATCTGTGA CGTTAGACAC CTGTGCGCTC AATGAAGGGC AATCAGCTTC 627151 GCTGCAAAAT AAGTCGTTTT TGGAGCATTA CCCTGTTTCT GGCTCTTTAT 627201 GCTCTCATTT CCATTCTGAA TGTGTCTTGA GAAGCCACAG TTATTAAATT 627251 627301 627351 AAATGACTAA GAGCTCTTTC TGCATGGAGC ATTCTACTAA CCACATCTGC ATGGTGAACC CAGGTTCACA AGCAGGCAAC GTAATAACGC AGTTAATCTT 627401 GTACCCGAAT CCATGGTGAA ATCCCAAACC CTGTTCATGG AAACTTTGTA

627451 AGTGAATGGC TATTTTTTT TTAAGAGAAA AAGACAAGCC TAGTAGCAGA 627501 ATGATCTATA TCCCCACCCC TCACCTTCCA AAGTGTATAA GCACATTTGT 627551 GTTTTAATGA TTTGAGCATG GACTTCCTAG AGCTTCTCTT TAGAAGCCTT 627601 AAAGATATAC ATCTGGGGCA GGACACATGC AAACAGACTC CAGTACCTTT 627651 CAAATTCACT TTCTTGTAAG GTGTGGTGAC GGTACTAGGG TTAACAACCA 627701 CACACAGAAT ATCCCTTCAG TAGTAAAACC AGACCCTTCT GTAGCCTCAT 627751 TAAGCTGAGC AGGTGGCAAA TACAACTTGA TCTAAATGTG TGCTTTAGAG 627801 ACTCATAGAC ATTAGAGTCG CTGATAGTTT CAGAGGGGAT GTCACAGACG 627851 GCTTTGATTT GATTGATGAG GGCCATCAGG AGTGTATAGG ACAGTCCCAG 627901 CCAATCCCTG GTCTGGAAGT CCCTGAGGGG CACCAGCCTT GTGTCCTTTG 627951 ATTCTAAGAC GTCAGGGTTC CTGAAGCAGG TTCCCCTCTC TTTGAAGGGG 628001 AGAATTCCCA GGTCCGTTTG GGGGAGGGGG GGGGTCATAC TTTCCTGTGC 628051 TTGATTAAAA CTGCTTCTTC TTCTTCTTAA AAAAAAGCTT TTAATTATGG 628101 AAATGACAGC TCATATATAA GAAAGATGCA TATAAATAAG GCTCTTTATA
628151 AACTTAAAAG TTTTGGACAT TCTCCCAATT TTATTCATC TTTTTCTATT
628201 GCTTCTCCCC CCTTCATGCC CCCCTCCCCC ATGGAGGCGG CAGGGCAGA 628251 AGACATACAC TGTGGCTGGA GTGTCTTCCA ATCAAATCCT GGTGCCACGT 628301 TGTTTCGTGG ACCGTCAAT GTGTCTCTGA CAGAGTAGTG CCAATGTTAA
628351 CCTTAATTTC TTCATTTAGT GTGATGCCCC TCCTTGCCCT GGTCCATTAG 628401 GACCTCTGAG GGCAAAGGAA GCTGCTTCTT CATTTTCCC TTCTAAGGGG 628451 GAATGCGGAT CAGAGAGAG GACACAGA AGAAAGAGG ACCCAGCCTT 628501 AGAGAGCCAG ACCCAACAGG CGGCCCTTGA CTAGTCCGCC TCTCGAAACT GTTCTTGACC ATCTTCGAGT GCAATTCATG GGTCGTCACC TTGAGCAATC 628551 AACTGTGCTA AGTGTCTGTG TCATGTAAGA GTTCCTTTCA TGACCCCTTT 628601 CTAGGATCCG GGTTAGCCAT GTGCTAAATG ACACGCATAT GAAATTCTCA 628651 CTTCCATCAA GCCGCAAAGA AATGAAAGAC GTTTGCATCC AGTTTGACGG 628701 TGGGACCTGC TCGTCTGCAG GGGCTCTGTC CTACATTGCT CTGCCACATT 628751 628801 GTTCCCTGAT AGTTCCTGCC ACCACCTGGA TCAGGTACTG TCTGGATCCA 628851 CAGAGGGCTT CTCTTCTCC GGTGAAGGGT GATGTACATA AGATCATGGC 628901 GATGGTAGTT GCACCTAAAT TTTCCTCTTG GTGTTCCTCC TAGGAATTAT 628951 TTCTAGAAAA CTGCTCCTGT CTGACCACAA GGACTGTGAG CATAGCCTGT 629001 TTTTATTTCA CCATGGCTAC TAGGAAACTC ACAGCTCAAA CGTTTTGTTC 629051 AACCACAATG ACTGTTCTTA GCCCAGGTTG CTGTGGCCTT CTGTGTCACC 629101 TGCCTTCCCC ATTCGTGATG TAAGACTCCC CACTCACAGG TTTCACTTGC 629151 TAACTTTTAG ACTCACCTGC TTTGAATGCT TTGGGGGAAA TACTGGAGCC 629201 TGCGTGGAGC CTCTACATTT CAAAGGTCCT GTTTGAGGGT TAAAAAAACTC 629251 CAAAATAAAC TCTTTGAGAT GAATACAATA TATTAATGGG GAAAAATGTC TCTCTCTAGT CAAATTTAAA TTCACATTTA GGTTCTGGTG TATAACCCCA 629301 ACGAGATTTT CTTCATCTCA CACGAAGTTA ACTTTTCACG TACCTTTCGA 629351 GATAAAACCA CAGACAAAGC AATGAGGGAA AATAAATTGG AAGGAAAAAG 629401 AGACAAAACA TCTCCTGTAC TCTTACTTGA GATGACCTTG GGAAGCAGCT 629451 GGGTTTGCTC AACTGTGATA ATAGAAGTCA GACCGGACAG CTTAGACAGC 629501 CGAAATGGGA GTTCCTCCAG GTTGTACGTC TCCGAGGTGG GAGGAAGTTT 629551 AGCCCCTTGC AAGGCAGCGT CTTGCAGAGT TTTCAGGCAG CTGTCTCTCC 629601 CCTGTCCCTC CATCTAAGAC TGTGCCCTAA GCTTTTTCAG AATGCCATCA 629651 GTCACTCCAG TGAATGCCCT GAATTTCCAT TACCTCTTTA ATGACCTTAA 629701 TCTCAGGTAT GGTTTAGTGG TAAAATACTG CCTAGCATTT GCCTATTCCC 629751 CACCTCCACC CCCAATCTCT CTATCTTCAG CCTTCTTCTG AGTCAGGGCT 629801 TCCCCATGCA AACTTTGCAG CCCATTGGAG TGGCATAGGG AAGACTGAGA 629851 TTTCAAAAGC AAGGCTCTTA CCTGCAACCC TCCGCTCTGA GATTAAGTAT 629901 629951 GCCCTATGTA TAAGTAGTAA CCCGGATGTG GCACTCACCA CATAGTCATG 630001 GTATAGCTGC TGACCTGGTT AAACCTTACA AAAACTCTGA GAACCCAACG 630051 GTGGGTTGTC CCTTTGGCAG GGGTGAACCA AGGCACGGCT GCAGTTCAAG 630101 CAATATACGT AGCTCCCTGA GAGCTGGGCC CAGGATGCGT GGTTTCTACC ACAATACTCT GCTTCCTCCT CATCAAATGG CTGCCTGTCA CCATGATTGT 630151 GCTGAGCCCC TGAGTCTCAG TGCTCCTCAT CCTTGAGCAA GAAGGAGGAG 630201 GTGCCACCAT CTGGAATCAG GAGAAGATGT TTGGGTTGGT TTTCTTAAAA 630251 TTGAGGCAGA TTGTCAAGTG GCCATACAGT GTCTGGGGTG GACCTGCCAC 630301 CCCAGAACAA GTGTCTGGTG ACCCATGAGA ATAACCAGAG CTGTAGGCAG 630351 630401 CTGTTTCTTT CACACTGGGT GACCACTCCG ATGTTATCTG GTGACACCTT 630451 GAGACTAGGT GAAATCACTG TTTGGTTTTG GTGAGATTTG TGTACCTTCC 630501 CCGTACACTG AAATCCCATA TCTTAAACAA GAATACAAAC TTCTAAGGTC

630551 ACTCGCCATT TTAGCTTGTC CACCTATCGT GTGTTCCCTG TTTCCCTCTA 630601 AATAAATAAA CTATAAATAA AATATAATTG GTGGGTTAGA GGGTTTGGTC 630651 GTGGAAATTG TGAGAGCGGG TCATCTTCTC ATAGATTAAA CTGTAATCAA 630701 ATGAGATTTT TGTCCCGTGA AATGCTTCCA AGGTACAGCA GATGATCTGG 630751 TTATGTGTGG CGAAAGACCA CAAGAAAGCT CCGATTCTAT TAAAGAATTT 630801 GGGCACTTC CCAGAACTGA AACGGGGCTG ACCTGTATTT TTTTATATGT 630851 ATGTCTTAGA AACCATGAGT CTGCAGCCAG TACCATTTAA AGACTTCTAA 630901 AATTATCAAC GTCTTTTAAA TTGAAATTGG TTCCTTGTCT CCCAAATATG 630951 ACCGAGCTTA ACATTAATTG TGAATCAGTT AATAGTTTAG TTTGAAATCG 631001 TGAACGCCGG TGGCTCACCC TTGCCCTTCG ATCCCTTGCA GCGGTGGGCA 631051 AAACATAACC ATCATGGGCA GAAATTTTGA CGTCATCGAC AACCTCATCA 631101 TTTCACACGA GCTGAAGGGA AACGCAAATG TGAACATAAA TGTAAGTTAT 631151 ACTAAACTGG GGGGGGGGG GGCTGGAGGA AGGGTATGTT TCATTTCTAC 631201 GACTTCGGCA TTATAAACTT TTGCTTTCAT GTGATCTATA CTGTCTCTGC 631251 TGTGACGGAA AGATCTCATT CTTGGAGTTA TTTGGGGTTG CCGCATAGAG 631301 GAACCAGAAA AGAATTTCAT GTGTTAAGAC CTGCCACGTT CTCCTCGTGC 631351 GACGCATGTA GCACGTTGCT TTAATCAGAT AACACTTCTG AATAGGTGTG AAAGTCGTTG TGGATGGTTG GGGTGCTATG TACAGAGCCT GTGACAAGTA 631401 TGTGGTCCAA CAGCACCAAG GGAGGTCGGG GACCTGCTGA AGTAACATTC 631451 631501 CTTCTCTTGT CATTGTCTCT TGGTCCTGTG GCCACTGTCT TCCGCCCCTC CCCCACTATG CTTCCCCATC CCCAGACTGT GGGAATTGTC TGGTCCCCCT 631551 AAGGGTTTAG TTCTCTGAGA AGAGCCTTGA CGTTCTCACA GGAACCTTCA 631601 631651 GGGTGAAGCC ATGGGTGTCT GTGAGGAGGG GCTAGGTACA CTGTTGCTTA TATAGGTGCT TCTTGAATGT TCTTCCGTTT CCTTCCTCCT TTTCTCTAGT 631701 631751 GTAAAGGGAA CAGCCATTCT GGGCCTCAAC CTGACCACTT CCTGCCAAAG 631801 CCAGCAGTGC TGAGGGTGGC CAAACACTTT GTCCTACTTG CAACCAGTAG 631851 GTGTTCACGC CTGGAAACGA GTGTAGCGAT CCATCTTTCT TACGGCCTTG 631901 TCCTAGACAC ATGCCCATCC ACTTCTGGCA CACTTCCTGG CCAGTTCCCA 631951 GCCTCACACT GAGTCTGATT CTGGCCATTT TCCCGTGATG GAAGCCTGTT 632201 CCTGCACTGG CATTGGACAC TGGCAGCATC GTTGGTGACA AGTGCCGGGT 632251 CCTCCCGCTC CTTCCATCTC TCATGAGTCC AAGAAGCCAT GATGTGTTTC CCAGGGAAAG CATGAGTGGG TAGGGCTGAG ACTAAGCTAA TGGAGTTCAG 632301 TGGAAAAGAC TAGACCAGCA AGCAGGTAAG GAAGCAGGGA GTTGATTGCA 632351 GAGCACAGAA GAGGGTATTC ACCTATTCTA GACCTATTCT AGACTAAAAC 632401 ACCACTCACG TTTGCTTTGT TGGAACCTTA GAGGCTGGGT TGGGATGGGT 632451 GATAGAGATG GCTGAATACC ATACAGGGCC ACGCAAGGGA GAATCATCCC 632501 CCAATACGGC TCTACATTTC CGAGACAGCT CCCCATCACC CCTGGCTCTG 632551 TAGGCAATGG GGGCAGGAAG GTCTTGGGGG TCTTTGGCAA GGAGTGGCAT 632601 GAGGGTCATT TTATCCACGG TGCCTAAGGT AGTTTGGAGA GGATAGTTAA 632651 TGAGGATGCT TCAGGCATGG CTGGGACAGG TCTAAGTGTG ACTGAGACAC 632701 CACCAGATAG ATGCCTGTGG AGCTCTCTGC TGGAATGCCA TCTGCAGGGT 632751 632801 AGGTCTAGAG GGCTGGTGAT GGTGAGGCTA GCCATTTCAG CATCCCTGTG 632851 GATGGAGATG GGGGTGGGGG GTGGCTGTGT AGAAGAGAAA GCACCAAGGA 632901 TGAAGAAAGC ATGTCTAGAA TCTGCTCGAA GCTTTTCTTC AGGGGTGAGG 632951 GTGGGAGAGT CAAAGAAAAT AGAATGACCA GAGACGGTCA CCGAGAAGCT 633001 GTCTTTAAAA TAAGGGTTGC TCCCCACACA AACAGGCTCA GTCTTAGGG 633051 TAAGGAGCGA GGGAGACCCT GTTGCTGGTT TTTCTTTTAG GACGTTGGTG TTAAGGAAGT AGGTATTGTG GTCCAGTGGG TTTTCACCCT ATCGCAGAAG 633101 TGCTAAGGCA GGAATTTCAG AATGTGTTCA GGATAAAGAA TGGTGTTCTT 633151 ACTCCAATGT GGCCACCTAG ATCCTCTGTC CACCCATCCT TAGCTCCAAG 633201 GTTACAGAAA ACAAAGAGAG GGAATGCTGC TCCCAGCTTG CTTGAGTATT 633251 AATCCCTTCT CCCTCCCAGT CTCTCTCCCT TCCTCTTTAT CTTACAATGT 633301 TAAGGACCGA ACCCAGGGCC GTGAGCATAC TAGGGAAGCC CTCTGCCACT 633351 GAGCCCCAGC CCCGGCACAC CCTCCCTTAA GTATCTGCCA ACCTGTCCTT 633401 ACATTGTCTG CAAGGTTTCC CTGCCTGTCT CGCTGCGCCC TTGAACATGG 633451 633501 CCGTGTAGTT ATGGGTTTTC TTTGTAAATA AACCTGTTCA CAAATTGGGT 633551 CAGGCTTTCT GCCTCCGTCC CGTTTGCACA CCCCTCATGT CTTAGGGGAC 633601 CTGTTGCTGT TCTTAAGCTT GTCATTTTCT GCTCTTTACT GTTGTGCCTG

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633701	GCCGTAGCTT	CCCCAACTTA	GGGACTCTCT		CTGCAGAGGC
633751	TCTTTTGACA	CACAGTGACT	CAACCAGGTA		AGCTGGCCTC
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633951	CTGAATGCCA	GTTGTGTCAG	TGATGCTCTG	CATAGAGGAT	GCTCGCATGT
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634151	TTGCTGGCCT	GGTTTTATAG	AGGGGAAGAA	CAGGCGTTCC	GCAGAAGTTT
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634251	AGGCTCTTTC	CTGTCTCCAG	GTCTCTGAAT	ACTGCGCAGC	AACTTTCTGC
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634551	ATTGCAGTTT	TGAAAATATT	ACTAGAAACC	AGGATCTCAC	AACCATCCTT
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634751	ATCTTTAGAT	TCTTCTCTTT	AAATAGAAGA	AGATCGACAA	AGCTGATACT
634801	GCAAGCCCAA	GCATAATTCC	AACCAGAATA	GCAGGCAGAG	CCATGCCTGT
634851	GCTTGTTGGA	ACGGCAAAGC	ACCGAACACA	CCATTGTCTA	TAATCCTAAT
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634951	AAGCCACATC	TCCAGATCCA	CTGATGACTG	AGCTGTCACT	CTCTCTCTCT
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020,01	JOHNSTOCING				

636751	TGACAGCGCG	CATGCGTATG	GTGCCTGGCG	CCACTGGGTC	TAACAGTACC
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	TCTTCGTTTG	TTTTTTTACT	GAGCATTGGA	TAAGATGTGG	GTGACTGGGT
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638251	TTGACTTGAC	ATTTTCATAA	TCTGATTTGA	GTATCAACTG	CTGTCAGACG
638301	TGCTTGTATA	AATGCTGAGC		CATGTCCACT	TTGTGACTCC
638351	TGTTCAGATC	TCTCAGCCTC	GCCACATAGT GTTAACTTTG	TAAGAAGTCA	TTTTGTCCTT
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638451	TAAGGTGATT	TGTTTGAATC	TGCAGGACCT	GCTATGGTAA	ATGTGACCTA
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638601	CTGCCAACAA		AAACCAACCC	TGCTGTGTGG	ACTGCCCCAA
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638951	CATAGGACTC				GTGTTGTGCC
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639401	GGGATTTGCT	CAGGGTCACA	CAGGTAGTA	A ATGAAACGAC	AGAGCGGAGA
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639801	TTATTTGAT.			A GTGGAATTTT	TTCCCCCTGT
337001					

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640301 CCCACCCCCA TTTTCATTTC TGTGTTACTG CACCAACCTG ACCCAGAGTC 640351 TCTGTCCCCT CAGTGGCTGT GGTGGTGACG AGGTACAAAT CCAAGGAGCT 640401 CAGTCGAAAG CAGAGCCAAC AGCTGGAGCT GCTGGAGAGC GAACTCCGGA 640451 AGGAGATCCG CGACGGTAGG CTCTGAGACT CCGCGTGCGC GTAGCAAAAC 640501 AAGCCCTGCT CACTTTTATT TTAATTTTTG CCCTTATGTG GAAACTGCCA 640551 CATAATGAGA ACTGATTGTG TAGTAGAAGA CAAGCTGAGC AGCAGGGCCT GGGCCTGGGC CTGGCTTTGT GTTCTATTTC GGCTCTTCTC TGCAGCCAAC 640601 640651 CAAGTAATTA TCTATTGTTT CTTCTTTAAT GAAAACCAAG GTCACACTCT GTGTTAGACA AAACAGCAGA GGATCTTATC CATTGTTTGC AGAGTTAAAA 640701 TATTGCTCTT GGGATTCTGT GTTGCAGGCT TTGCCGAGCT CCAGATGGAT 640751 640801 AAGTTGGATG TGGTTGATAG CTTTGGAACA GTACCCTTCC TTGACTACAA
640851 ACATTTCGCT CTGAGAACTT TCTTCCCTGA GGTAAAAGAA CACTGATCAT CATCCTCAGG CTGAGCCTTG AATAATAATG CGACATCTTG CCTTAAGTCC 640901 640951 GGGCCGAGCA GGGAAGAGGA TAATTATTAA TTGCATTGAT TAGGGTAGAG 641001 GGCAGCAACA GGCTACTGGC AATTACTCTT TCCCTGGTAA GGAGTACAAG 641051 TTTAGAGTGA TGGGTTTTGC CATATATATA TATATATATA TATTTTACTA 641101 CCAGCTTCAA ACTGACTCCG TAGCTGGGAA GTGAGCTAAT TCATTTTAAA 641151 ATCAATAAAT TGTGGGCTCG CCAATTTGTT GTGTTTATCT GCCTGACTTG 641201 CACTGCTGCT CCTAGATTAT TCGCTATTAT TTCTCCATTG GAAACGAAAG 641251 GCAGGATCAG CCAAATGGGG GAGAAATTGG ACACGCAGGG AATCTGAGTT 641301 GATGGCAGGC AGTTTTAGCC ACGTGAAGGG TTTATGGTCT CTTCTTTGAC 641351 AGTTTTCTG TTAGTAGATC ACTTTGCTTG TTCAATAGAT ATAGGTGTCT 641401 GGAATGAGAT GTGAGTGGTT CTAGCGCTTC AAGTGTACAG AGAGCCCTTT 641451 GGGTTGGGGT GGGTCTCAAT TCTGTTCTGA CACCCCCATT TCCTCACACA 641501 TTCTTCAGTT ACCTTCCCCC CCACCCCCAC CCCAAGCCTT TGACAAGAAC 641551 ACTCACCCAT TCTGTCTCAC CACGCTATAC CTCAGCTCTG CCATATTGCT 641601 CTGCTGGTCT CAGAGAGATG CCCTCTGAAT TAGAGCTCAT TAGTCCCTCC CATATTCAGA TCTGGGCCAG TCAGCAAAGT TAGAAATCTC TTCAAACCTT 641651 GACTGTTTTT GGCCAGAAGC CTAAGAACAT AGGCACATGT GGTTGGCAAT 641701 TTCTAGTGTC TCTACAAGTC TTGCAATGGA TATATATATA TATATATACA 641751 TGTATATATA TATTAATCAT ATATATAAAT ATATATTTAT CATATACACA 641801 641851 CACACATATA ATACCTACAC ACATGCACAC ACATAGCACT GTCGGGACAG CTAGACATTG CCACAAGATA CCTGCCATAT ATGGGGATCC AAGCCTTGGT 641901 641951 GTTATAAATC AAGAAGGCTA CAAATAAGAC CAGTATTCTT ACTTATCCTC 642001 CAAGAATACC AGGCACCAAG ACCTGCTGCC TGCTGCCTCA TCCATTTGCC 642051 GTACTTGGGG GAAGGAGGGA AATTCAAGTC CCTGAGTCAC GGTAATACTC 642101 AGGACCTCTG AGAAGCTTGC ATCTCGAGCC CCAGTTTCCC CGTTCTCTGA 642151 GATTCCCCAT TAAGAATTTA AAAGCAATAA AGGAGATTTC CAGCATCCAG 642201 ATGAGTACTG TGTGGGCTTT TACAGTTAAT GATTGCCCTT GAATGCTGAA 642251 TAGCATAATC TGCGGCCTGA AAAGGAAATT CTCCTATCTT CTAAAGTCAG 642301 CAGTCAAGGG CAGGGCGGAC TGATGAGTGT CAAGGAACAC CATTGCGAGC 642351 CGAGTGCCTC AAGATGAAAG GAAGCCCCCA GAATAGCGTG GCATTATCTT GGGAGAAGAG AATAGTCGCA AGGAGCCCAA CCGATTTAAC TCAGGGTTCA 642401 GTGTGGTGCT GAATGGCAAA CAGAGAGTCC TAAAGCCAGG AGTCATTAAG 642451 ACAGAGGACC CAAGTGGAAA CCAACAGGGA TCTTTCAGAA CTCTTTGAAG 642501 GAGATCTAAG TCAAAACTGA GTTTATACTA ATAAGAAGTG GGGTGAAGCC 642551 CAAGACCAGG CTGCTTGCTA TGGTTGACCA GAGCCAGATC CTTGGGCCTG 642601 642651 GAGCTTGGAT GTCTGAGAGG CCATGATGGA TGATCAGTTC TTCCAAGACA 642701 GCAAAGGAAG AGGTGGCCAG GGTGTGGCGG CTCCAGCTTT GCTCACCTGC 642751 CTGCTGGTTT TGTTTTAAAG CTTTCTTTTT CATTAGAGCA GTGGTTCTCG 642801 GCCTTCCTCG TACTGTGGCC CTTTTAATAC AGTTCTTCAT GTTGTGCTGA 642851 CCCCCAACCA CAAAATTATG TTTGTTGCTA TGCCTGTAAC CAATTTTGCT 642901 ACTGTGATGA ACCTTGATGA AATACTTGAT ATGCAGGATA TCTGATGTGC

AACCCCCGTG AAAGGATTGT TCGACCCCCA TGAAGGGGCC TTGACCCACA 643001 GCATGCGAAT CGCTGCATGG TGTATATGTG TTATTGTTGT CTGAGATAGG 643051 GCCCCAGATG GCACAGGCTG ACCTCAAGTT TCCAATGTCA TAAAGAAGAA 643101 CCCTGAACTT CTGGTCTCCT ATAGATAGAC TGATTTCTGT TTTCCTGAAA 643151 ATAGAAAACA CAGGATAAGC AGAATATCTA ATCTCTTGGA GGAAGGAAAT 643201 TTGAATGAGG AGGAGAAGTT TTGAGCCAGG GAGCAAGGGT ATCATCACTT 643251 CCCAGCAGAA GGTCAAGAAT GAATTGTGGG GTCTTAAGAG GGCTCAGGGG 643301 TAAAGGTGCT TGCCACAGTA AGAGTTCAAT CTCCAGGACC CAAAAGTTGT 643351 CCTCACACAC ACACACACCA CACTGAGACA TGGCCCTTTC CTCCCCTGTA
643401 AATAAATGTA ATCACACACA CACACACACA CACACACAAA ACTGTTTAAA 643451 CTGGACATTT ATATGAAGTT AAGGAGTAGA CCAAAATAAT TTGAGATCTT 643501 CTGCTTTGGC TAACAAATTT GAAACCGTGA AATGAGGTTC TCTGCAGGAA 643551 AAATTTACTT TATTAAGACA CAAGCTTTAT CCAGAGTTTA AAGTATGAGG GGGGGGGGAG AGGAGAGAGA CTGTTTGATG TTATGATTTT 643601 ACTTAGTTAA TTCAAACTAT TACCCAGTAT GGTTTTATAT TATAATCTTT 643651 ACTTAGTTAA TTCAAACTAT TACCCAGTAT GGTTTTATAT TATAATCTIT 643701 GGGCATAGTC CATGTTAGTA ATTTCAGACT TTGGGAGACA GAGACCAGAG AATTGCTGGG AATTTGGGGC CAGCTTGGGA TATAAAGTGA GGTCCTGTCT 643751 643801 CAAAAACACC CAAAATAAGT AAATAGAATA AAATGCAATT CTTAATTTCG 643851 GTAAGATTAA TGAGACATTA AAAAAAAACC CTCAAAATGA AAAGTTTATA 643901 TTTAGGATCC ACATAGCATA GTATATCAAG ACGTATTTTT TCGAGTAGGG 643951 ATAAAACCCT CAGTCATAGT GGACACAGAG CACTGTGTGC TCAGGGCTCC 644001 CGCATTTCAT TTTTACAAGA AGCCTGTGAG GTGGGAACCA TTGCCTCCCT 644051 CCATTTCACA GATGAAGGAA GTCGGACACA GAGGTTAAAT AACCCATGCA 644101 TGCTCGTGTG GCCAGTACAT GGTAAGCCAG AGCTGGGCCC CTGGTAGTTT 644151 GGCTCTAAAT TCCATGCTTA TGCATCACAT GTTCTGCCAT TGCTTGAGGA 644201 TGTAACATAG TAGGACAGTA GATGCTACCT GGCTATACCA CATCTAAGCA 644251 TGGCGGACTG TGTGAGCCTC ATGCTTAGAG GGTAGCGCTG TGTGAGCCTC 644301 ACCCTTGGAG GTCAGCACTG TGTGAGCCTC ACACCCTTGG AGGTCAGTTT 644351 CATGATGAGA GGTCTGACGT TTCTGTAATC TTCCACCACC ATTTTGTTTT 644401 GTTTTGTTTT TAACTTTTGA GTCAGTTCTC TTTTAAAAAC CCAACATAAT 644451 CTACCAAAAA GCCAGTCTTT GCCAACGACA ATTCTCAGAG GCTTCCAGAG 644501 GCCACGGGTG TTTTTTGAGA GCATGGCAAT TATTTATTAT GTCTTAGAGG TGACACAGCA AGCGTAGACC AAGGGCTCTT CAGATTAGCA AATAGCACCC 644551 CTGCTTTATT AGAATGGACT TGGGTATTGT AACAAAAATG CACTGTTCAT 644601 TTCCTTTTGG ATGTTATGAA TAATAAAAGT GTCTCCTTCC TCTCAGTCAG 644651 GTGGCTTCAC GCACATCTTC ACTGAAGATA TGCACGTAAG TCTCTCCGTC 644701 TTCACTTTGT GCTCAGTGAC TGTCTGTCAG CTTATCATCC TTACTGTCAC 644751 CACCATTGTT AATACTTTGA ATTTTTATTG TGGGCATATT TGGATATTAA 644801 GTAACCTGTT GTCTTGGGAG ACCCATTGTG GCTCTGCTTT CTAAGTTTCC 644851 ACTTACGTAT GGTCCTGAGC TATATTATCA TACTGTTACA TCATTGTTGT 644901 TTACTCTTCA CCTCCTCCAG AACAGAGACG CCAATGACAA GAACGAGAGC 644951 CTCACAGCCT TGGATGCCCT CATATGTAAT AAAAGCTTCC TGGTTACCGT 645001 CATCCATACC CTGGAGAAGC AGAAGAACTT CTCAGTAAAG GACAGGTACC 645051 TGTTAGTTCC TTTGTATTTT GATAAGCACT TAGACAGAGA CGTGAAAACC 645101 TAAGCACCCA CCGGGTATGA TGGCACACGC CTTTAATGGT AGCATGCTGG 645151 AGGCCAAACA AGTAGAGCTT TGTGAGTTTT TGAGACCGGC CAGGTCTATG
TAACAAATTA TAGGCCAGCT AGGGACAAGC AACAACCCCA AGCTACTTAT 645201 645251 645301 645351 CCTAATCCCC TCCTCGTACA GTCCTTCCCT ATCTTCCTCT CCTTCTCCTC 645401 TGAGAAGAGG GAGGGCCCTC CCTGGATACC TCTGGCACAC CAAGTCACTG 645451 CAGCACTAGG CACATCCTCT CTCACTGAGG TCAGACAAGG TGGACCCGTT 645501 AGAGGATCAG GATCCACAGG CAGGCAACAG AGTCAGGGAC AGCCCCTGCT 645551 ACAGTCATTG GGGGACCTGT ATGAAGTCCA AGCTGCACAT GTGCAATGGT 645601 AGTAGTGTCG GGGACTGGCT GTTGTTCTGC TTGCAGACAG AGCCCAGCAT 645651 GGCTGTCCTC TGAGAGGCTC CATCCAGTAG CTAACCAAAA CAGATGCAGA 645701 GACATATGTA CAGGGGGCCT AGGTCCACCC CGTGTATGCT CTTTGGTTGG 645751 TAATTCCATC TCTGGGAACT CCTAAGGGCC CAGGTTAGTT GGCTCTGTTG 645801 645851 GTATTCTCTG GGTATTCCTA TCCCCTCCAG GTCCCCCAAT CCTTACCCAG 645901 GCTCTTCCAC AAGATTTCCT GAGCCTCACT TGATGTTTGG CTGTGGGTCT 645951 CTGCATCTGT TTTGGTTAGC TACTGGATGG AGCCTCTCAG AGGACAGCCA 646001 TGCTGGGCTC TTGTCTGCAA GCTGAACAAG AACCAATCCC TGACACTGGT

ACCATTGCTT TAGTTTTTGA AGGGCTGGGT ATCGAACTCA GGGCCTCAGG GATGCTGAGC AGGTGCTTCG CACTGAGCTA CAGACCCAGC TCTCAAGCTC 646101 CTTGCTCTTA AACCTCTCCC TGCGCCTCAG CAGGCCCTGT CCCAGCGGAG 646151 TTGACAGGGG GTTTATACAG CCATGCTTTG TGCAACTCGG ATCACACCAA 646201 CAGAACCCAG TTCTGTCTTG AAGGCACACA TACATACACA TATCACCCAG 646251 TAAAACCTGA CAAAAACCCC AACACCAAAA AAGAAAATTC TTAACCAAAA 646301 AAGCAGAAGT GTTATTTTTA ATTTTGAATT TTAAAGAAAT ACCCTAAATT 646351 TTTTGGAAAA GAAACTCACT TCTTGTTGGG AAAAAAAATA GAAAATGACT 646401 TGTTTGGTTT GTTTGTTTGT TATTTCATGT ACCCAGCAGG CTGGCCTAAA 646451 ACTCCCTTTG TAGCTGACAT GACCTTGAGT TCCCGATTCT CTTGCCTCTC 646501 646551 CCTCCATACT GCTGAGATGA CAACTGTTTG CCACCACAGC CCATATATGC 646601 CCTTCTAGGG ATCAAAACCA GCGCCCCATG GACTAGGCAA GCAGTTTACC 646651 AACTGAGCTA TGTGGGTGCT TACGCCTGGT GGGTAATCTT ATGCCATAAG AACTGAACGG ATCGGAACCT AAACAACACA CAAAAAAATG GCTCCTCAGG 646701 AGACAATTCC CCCATTGCCA GCAAGATTTC ACGGAAATCA GACAAGTCCT 646751 646801 CCTGAGTCCA GGGGTAACGG CTCACCAGGC TCTATTTTA AACAGGTCCT
646851 TCTTCGCCTC CTTCCTAACC ATTGCTCTG AAACCAAACT GGTCTACCTG
646901 ACCAGCATCC TGGAGGTGCT GACCAGGGAC CTGATGGAGC AGTGCAGTAA
646951 TATGCAACCA AAGCTGATGC TGAGGCGCAC GGAGTCTGTG GTGGAGAAGC
647001 TCCTGACGAA CTGGATGTCT GTCTGTCTCT CCGGGTTAACT 647051 GTCACAGGGC TCTGCAGTGT CAGAGGTAAG ACAATAGGCA ATTATTTTTA GCCCACACTG GTGTCTTTGT GGAGCTAAGT CCAGAATGCT CTGTGCAGTC 647101 AGCGTTTAAT TGAACTTGAT CGTGGGTCTT CCAGATTGAA TGGAAAATAA 647151 CAATTGTGCG GGTCTTGTTT GTTTATTTTC TTTGTTTGTT GCTGCTGTTA 647201 GTAGTCCCTA GGGTACATAT AATTCACGTA GGGCTCTCTT GGGTAAGATT 647251 CTTATATGCG AGCTCATCTT CTTATCTTAG TTAACACCCT TGATTCTGCT 647301 AGCCTATGTA GGAAAACGTC CCGAGACCTG AGACTGTTTA AAACGCTGAT 647351 GAGCACAAAC TGTTCTTGAG TCCTTTAAAA CATGTTGGAA ATACTCATTA 647401 CTCACTGGCA CACTGGCAGC TAATGACGGT CCCTTCTTCC CAGGTGTTCA 647451 GCAGTAAAGC AAATCCCCAA AGAGCCTTCT GTCCTCCGAG TTCACTTTCT 647501 TGAAGTGACT ATGGCATATG GTTGAATTTC ATTGAACCTT CAAATCTTTC 647551 647601 AGAGTCCAAA CTTTCTATGA GCATTGGAGC CCAGGGCTGG GTCTGGAGTT 647651 AAGACGGCTC CATCGCTTCT TGGCATGTTA CCTGTGGAGT TAACAAAAGA TGAATATCAT TGGGCTGTTT TGAAGCCCAG ATGAGCAGGA GTACACCATT 647701 TGCTCGGCAC TGAGTAAGAA CCCCATAAAT ATTGGCCATT ATTATAAAAT 647751 647801 ATTAAAATGA AAATCAGGGT GTTTCTGTTG AACATGGTCT TTGTTCATCG 647851 CTCTGAGGCC CTGGGATGGA GGGAGGTTCT TATCCATCTT TAACTTCACC 647901 AGCCGTCCAG ATTCCAGCAA AACGGCATAA TTGTGTATTT GCAGCTTGCT TCAAAATCTA ATTAAACCCT GAATAAGATA CACTGCTATG CCACAGGTTT 647951 TAACAGGGCT GCTTAAGCTG AGATCCACAA GCAGCACTTT AAATTAGACT 648001 GTGCCTAGTT TAATGTTTAA TGCAATCTTA AGAGTAGATA CGCAACATTT 648051 AAAAAAATT TTTTTAACTG ACTTTTCCCA CTCCCAAGGC AATGGCCGTT 648101 TATTAAGATT AATGAAATCT GCCTCCTTTT CTGTTTACTT GGTATATATC 648151 ATCTGCTCTG GGGATGTGTC AAGTGGTTAT TTCTGGAGAG AGCTGCCTTT 648201 GGGCCTCCCT GAGGCTGGGT GGGTGGCCAC TGCTGAACAC AGGTGCTAGA 648251 CCCTCTCCCA GGTTCCCAGG TCTTAATCCT CAGCTGACCC TAAGCCAAAA 648301 GCCCTAGAAT GGCATCCACC AGTCTCTTCT CTAAAAACTC TGTGGCTAAT 648351 GTGTACAATG CTCAGAGGAA ACAGAAAGCA AACACGCACC CTGAGGTTTT 648401 648451 GTTTAAAACC AGTAAGCTTG CTTGCTATCT GCGTCCATTC CCCAGCGCCC CAACCCACCC AGCTGCCTGA GTCCCCCGGG TTAGCGTGTT CACTGTGGAC 648501 ACTGTATCAT TTTGTTGCTT GTGTGTTTCT GGCTTGGTGT CCATTCACTG 648551 648601 GTAAGTCTAC TGGTTTGAAA TTCACTCCCA GCTCTTCCCT ACCAGGAACT CGCAGGAGCT GCTTTTAGGC ATGAAAGGGG AGAAGTGTTC AGAAAAATCT 648651 648701 GGGCTCCAAG CCCAAGCGGC CCCCTTGAGC AAAGCATTCT GGGTCAAGAT TTCTTCTCTG TGCTGATTCA AGAGTGTGTG GAACACTCGG TGGTGAGGGG 648751 GGAGAGCGGC ACGGTGCCCA AGAGGAAGTG GCAGCCAGCC AGTCCTGGGC 648801 GGGACTTTCA CTTTCAGTGG AAGAATCCCT CCAGTTATCA AGGGGCTTGG 648851 GGGGCCTCCT CTTGCCCTGC TCATTGATGC TAAGCAGGTA GCAACCTTCA 648901 GGTGAGCTCC CTTCCCAGAC TCCAAGGCCT GGTAGGGACA GATATGACAG 648951 TTGACATCTA TTAAGCACTG CTGTTGGCTA TACATCAGAC ATCAGGCCAA 649001 GAGCTTGGAT TATCTTTTCT CATTTAACCC TTAATGGTCT GCAGAGGTAA 649051 649101 GTACATTTAT GGCTGTTTTG CCTATGGGGG CTCAAGACAG ACAGAATAGA

TGTGATTCTG TAGGTCCGAG GGTAGCGAGG ATGGTGCCAG CCTCTGAATG 649151 649201 AGCTGATAGT CAGCTCTGGT CTGTCATCTA AAGAGAGAAG ACATGTCCCC 649251 CAACAGATGA GACATACAAT TCCTTGTGTT AGTTGACGAC AAAGAAATCT 649301 TGTGGCCTGG TGGTTTCCTA GGCTAGTCAG TGTCTCTAGA AAGGTTTTTC 649351 AACCTGCCTC TGCTACCGAA ATCTAGGTTG AGTAGGTATC TATGTGGCAC 649401 AGGGTAGGGG ACAGGCACCT AAGTTCTTAG GGAGATCCTT AAAAGATGCT 649451 GGAGGTGACT CGATAGGGCT AGAACTGAGG GCCCGAGGGG CAGTGTGAAG 649501 CCATATGTCA CCAGCTCCAT TTGGGGAATG CTGGAAAATC CTAACTAGAG 649551 AGCCCTTGAG CCAGTGGCTG TTCCTCTGCC CAGCCCTGGG GGTCCTGGCT 649601 GGCCTCTGCG TCAACCAATG TGGCCAACCC AGTCCCACA CAAGGGCCCT 649651 TGGTGTGTC CTGCCATGTG TAAGAAAAGCC AGAAGTGAGG TTCTTAGGTT 649701 TGTGGTCAGG CCCTTTCCCA AGGGGGTGGA CGGAAAGCAG ATCTCGGTGA 649751 GATAATGAAC CATGAAATAA AGGAAGTTTC GTATGAGAAC GAAATGTCAG 649801 GTACTGGTCC CCCTTGCCCC ACCTTGGAAA CTTCTGAACA TCCCCCTCTC 649851 TGTCCCGCAT CAGGAAGAGG CTACTCGCTA CTGTCCCGCA TCAGGAAGAG 649901 GCTACTCGCT ACTTGGGGAG TTGTCAGCAG AGGGGAGAGA AGCAAAGAGA 649951 GGCAGGGAGG AAGTGGACCA GGAGAGGTAG AGGGTGGCAG GAGACCAAGG GAGGGACCTG TGCTTGGAGG AAGTACAAAG GCAGAGACAG GGGTGAGCGG 650001 AGAGGTTAGG GGAGGCCCCA AAGGGTTGTC GGTAACCCTC CTGTTCACAG 650051 GAAATCAGAC AGAGAGCCAG AGGGATGCTC CTTTCGAAGC TGAATTAGTT 650101 AGCTCTGCAG ATGAACTTGG TAACATGGGG GCTCCAATTG GAGCCATGTA 650151 ACTACTGTTT CATCTTTACT AAGGCACTCT GGCTTGGGAG GAGCCCTCCC 650201 CTTTCCCCCA CCAGGCCTAG TGTCCATGGA TCCTGGAAAC CTCATTGTTT 650251 650301 AGGGGGAACC GAAACTGCCC CAGGGCTGCA TGCCTCAGCC GATGGCAGGA 650351 AGCAGAACAC AGCCTATACC TGAACTACCC AATGTCCCTT TGAACATAGT 650401 GGCTTCAAAT CTGGGCCATC AAAACCCCCT CCCCCAATTC AGTGGGACGT 650451 GTTCACAGGA GAGGGCTGGA GACAGGGACC CTGGGACCAG CCTTAGAGGT TCAGGGAAGG GAATACTGCC CATCTGACCT GTGAACCGTG CAAGAGGTGT 650501 650551 CTGAATGATA AGGGCCAAGG GCTGGCACAT GGGCAGGACA ACAGCTGAAG TGGAGGCCAC CTCCATCGCT AAAAGCAGTT GAACACTGAC AGGCCACCCT 650601 650651 CCACAGCAAA TGTTTAAAAC ATTCTTGCAT GAGTCCCTGT TGCCAAGACT 650701 AAGTGTGAAG CACTTTTTT TTTCTTAATG TCGCTTATTT TTGGTTTGCA 650751 ATTAAACGG CACGTAAACA AGGTTATAAC TCTACCTCCG TGAACTGCTC TTAGGCACCA GCCTACTGAT GAGCACAAGC CTGCCAGACA GGAACTTAAA 650801 CATGAAATTA AGGGGGGCCT CTACTGGATA CCTCCCATAG TGTTGGGGGT 650851 GGGGTGGGC TCGTGCATGT GCATAGTGTG CAAGAAGGAG TTTCCTGGGT GATGTGCTGC GCGTTTCCAC GGGCTTTGCA TGTTGATTAT GAGTGAATAC 650901 650951 TGCTGCCTGT CACTCGTGGT ACTACCGTGG GCTTCAGAGC TAACTGTTGC 651001 TTTTGCAACT TTTTCCAAGG AGACTGTTGG AGAGCCATTC TATTTGCTGG 651051 TGACGACCCT GAACCAGAAA ATAAACAAGG GTCCCGTGGA CGTGATCACC 651101 TGCAAAGCGC TGTACACCCT GAACGAAGAC TGGCTACTCT GGCAGGTCCC 651151 CGAATTCAAC ACTGTGGTAA GCTTGCCCAA AGCGCTCCAT CCAGACCCAG 651201 AGGGTGGGG TAGGTGGGAT GGGGGGAGGG TGGGTCCTCC TGACTGTGGG 651251 AGGCCCCGGG GCATCCACAT AATTGAAAGC AGTAGTTGAT AAAATATTAA 651301 CACGTGTTCG CATAATAGAT TTTAATTCCT TGGGTTGGGG AGGGAAGCGC 651351 CGTGACGATG CCTGGGATAC TCGTCAATTT CCAAAGGTTT TAATATCGGG 651401 ATTGCTTATA GCTTTGAACA TCGTCAAAGG AAATGCAAAC TGCTCCCTAT TCGGCACTTA TAATTGCAAT CAGAATTTCT CAAATGGCTC TGCTTGGGGA 651451 651501 AGACAATGTG TGAAGAGATA TTTCAACCCA AATTGAGGCC GTCTTATTTT 651551 AGACCGATAA CACAAGACAA ACTTCTCTGT GTTCCCCATG CAACACGACG 651601 CCTTCCTTTA TTATTTCCAT GGATTGGTTA CAAATGTTTG CTGTCACGCA 651651 CTTAATGTAC TGTGATCTCA TAGATATTTT TAGAGGAATG CTGTAGATCG 651701 CTCCAGCAGG GTGACGGGGC TAGGCTGCCT GAGAGTTTCA AATACTGAGA 651751 GCTTCCTTTT AACCCATTCT GGCGCCAGCC GCCCTCAATC ACCCCCAGAG 651801 AAGGAGACAG TACTTCGGGG CCTTTCAGGA GTTTTGTGGC AGAAGCCCCA 651851 CATGGAACAT GTCTTCCATA CGGCTCAGGA GCTTTCGAAG CTTTTCCATC 651901 ATCGTCAACT TGAGGAAAGG CTCTGTAGCT TTGGTTTGAC TTTTAGCTCT 651951 ATGAAGACTC TAGACTTCTT TACCATCTTA TTAGTGGACA TGGAAGAAGT 652001 AGATTCCAGT GGGATTCAGG AATTGCTCAC TGGAGAGCTC AGGCTCCTGT 652051 GGCTTTGCTC TGGGTGGTGA GTCCTGTGGT ATCATTCTAG AAGAATTCAC 652101 TCCCTAATTG AAGAAGGCAC CACTGTGCTA TGGACCGTAT TATGGTTATG 652151 TCATGGCTGT GGGTGAGGAG GAGCCAGGAG ATCAGCTGTT TCCAGTTTCT 652201

TTCATCTGTG TGTAGCATCC CCATGGCTGT GTGCTCAGCA GAGCATGGTT 652251 CCTGTGGATA ACTGTCAGCA CCTGTGGGGT AGGGCAGTGT TCTCAGGCTT 652301 TAGCATGGTG GCACTGTGGC CCGGACAGTG TTAAACACCC ATTGTTAGGT 652351 GACCCTAGAT GCAAGTCTGG GGTATGACTT AGGGTTTGCA TTTCTTTCAA 652401 TTTACTCTTT ACAACATTTA TTTATTTTTA TTTGATGTAT ATAAGTATCT 652451 GCCTGTATGT ATGAGTTGCC ATGCGGGTGC TGAGAACTGA ACTTAGGTCC 652501 TCTACAAGAG AAGCCAGTGC TCTTAACCAC TGAGCCATTT CTCCAGCCCA 652551 652601 GATTTATTTA TTTTTAATTA CTTGTATGTG TGTGTGTGT TATGCACACG 652651 AATGTAAGTA TATATTTGAG AACAGAGGTA TCATATTACT CCAAAGATGG TTGTATGTAA CCCAACAAGA GTGCTAGGAA CTGAATTTGG GTCCTCTTCG 652701 652751 AGAACAATGC ATGCCCTTAA CCACTGAGCC CTCCAGCCTT AGGATGTGCA TGGTTAATAT TCTCCTCAGG CACTACTTGA GAACTGTTGG CATGGGGGTT 652801 652851 AGGAACCTGG GTTCTGGAGC CAGGCAGGTT TGAACCTTGC CTCTCCCACT 652901 GGCTAGCTGT GTGACACTGC TCGAGTCTCT TCACTTGCTA TGCCTTCTCA 652951 GTCTCCCTGA CGATAAAGAT GATAATCATG ACGGCCCATC TCTTGGGGAT 653001 GTGATAAAGA TTAAAAGAGT ATCCAGCACA CAGGCACACG CATGCATCTG TGCATGCACA TTGTCTTAGT TAGGGTTTTA CTGCTGTGAA CAGACACCAT 653051 653101 GACCAAGGCA AGTCTTATAA AAAAAACAAC AACATTTAAT TGGGGCTGGC 653151 TTACAGGTTC AGAGGTTCAG TCCATTATCA TCAAGGTAGG ATCATGGCAG 653201 CATCCAGGCA GGCATGGTGT AGGCAGAGCT GAGAGTTCTA TGTCTTCATC CAAAGGCTGC TAGTGGAAGA CTGACTTCCA GGCAACTAGG ATGAGAGTCT 653251 TAAGCCCACA CCCACAGTGA CACACCTATT CCAACCAGGC CACACCTCCA 653301 GATAGTGCCA CTCCCTGGTC CGAAAATATA CAAACCATCA CACGCATATA 653351 CACACAGACA TGCATGCCCA CATACAGAGG AACATAGTCA CGTGGGGATC 653401 CTCAGTTTCT TCTCTACTGT CTCCTTTCTC TCCTTATGGT CTTTCCTGCT 653451 GCTCATCCAC CAAGCCCAAA GCAGTACGTG GCCCCCAGCA GTGTCAGCAC 653501 CGTGCCTCTG GCTTTCTAGA ACTGTGAAGT CAGTCAGTCC CTTCCCTATA 653551 CAAATCACCC AGCTTCGGGT GAGGCCAGTG TTTGGGTCTA ACAAGAGAAG 653601 653651 GCAGCCCTCA CAGGGGTCTT AGGGATAAAG GTTCCTAAGT AAACGTAGGT TTGGGGAATC CAGCAAGATT TCTTTTCATG AAACACATTG CATCAGACCA 653701 653751 GGAAGAGAAG AAAGGAGGTG GGCTGGGGGG AAGGGGAGGG AGAAGTCAGC 653801 TGCCCGAAAC AACTTTTGAG GTTACGGCGT TCCAGCGCTT TCTGTCTGAG 653851 GACTTTCTCT CCCTTTCATT TGGAAGCGTT ATTTATTTCA CAGTCAATTA GGACCATGTG TTTCTGATTT GTTAGGACTC AACTCATCGT CAAAATGTTA
CTTGATGTTG AAGAAATTCG TGTCGACTCT TGAATTTTTT CCCCTGTTAT 653901 653951 AGCCTCTGGG GGAAATGCAA TGGAAAATTA AATCTCTGCA CTGTTCTCCT 654001 654051 CTGATTCATC TGCGGTGGAT AGAGTGGAGG CTGGCAGAGA GGTGGGCCCT 654101 TTGTTGGACC TGCTCCAACC TCTCTTTCAT GGTGGCTGAT TAAACTAGAA 654151 GCTAGAGAGA AGGCACATGA TCCAGTCAGT CTAAGCTTGT GTGACCAAAA 654201 AAAAAAAAA TGTTACCGAG GGTCAATATG AAAAATTTAA GCATTTTCAT 654251 TTCCTTTCAT ATAAGTTCTC CCAACCTGAA CCACCCTGTT TCTAAGTTTC 654301 CCCCTTCTTC CCTTCCTCCC CCCTCCCTTT TCTCCACTTC CCTTCCCCCC 654351 ACCCTCCCAG GCTACACTCC TGGTGGTTTG CAAAGCCTTG CTACATTTGC 654401 CTGAGGTGGT TTATGTCATT GAAGACTAAG GTGTTGTGAA CATACTGGAG 654451 AGTGTGTGTG TGTCCCTGTT CTAACAAGGG ACATTAGAAA GCTCTACAAG 654501 654551 AGTCACAGGA GCAACTTGAA ATAGAAGAAT GTGGTGCCAT GGCGGGCCCC 654601 ATTGGAGAAA AAGCCCGTTG GGATGCATGC TCAGAAACAG CGCCTCACAC 654651 AACAAACTCT GAGTTAGGTT TCACACCTCC TAGGTTAGAA TGTTTTCTCT 654701 CTGAGGTGTA GGGTGTTTTC TAGAACATAG AGATGCACTG CCAGTTTCTT GTATTTAAAA CCCTTATACT ACCAAATCGC TCTGGAAAGT CAGATGTCCT TCAGCCCATC TTGAGAGGAT AATGCCTGAG TTGCCTTCAC AAAGCCCTTC 654751 654801 ATAACCACCC TGGCTCCAGT ACCAGGTGCC CCAGACCGGC ATCTGGCAAG 654851 TCGAATGGTG CCAATCTCTA TTCACTCTCT GATGCTTAAG GGGAGATTGT 654901 GTCAATCTTC ATACGACACC CTAGACTTCC TTTAATGTGT GAGGAGATGG 654951 CCCTAAAGGG AAAATGCTTG CTATACAGGC ACGATGACCT GAGTTCAAAT 655001 CTCCAGTACC CATGTTGAAA TTAGTCATGG TGGCACACCT GTAATCCCGG 655051 TGCTAGGGAT GGAAACTTTC CTCTAGCCCC GGGTTCAGTA AAGGACACTA 655101 TTTCCAAAAA TAAGGTGGAC ACTTGATCCA GAAAGACTTC ATGCTGGCAG 655151 GATAGCTAGG CTGGTAAAGG TGCTTGCTGC CAACCTGAGT TCAGTCCTTG 655201 GGAGCCACAT GGTAGAAGGA CAGGGCCTGT CCCTGAAAAT CAGCCTCTGC 655251 TCTCCTCATG CACACTTAAA TTAATACATA AATGTAATTT AAGTTCAGAG 655301

TCACCTACAG CTGCGTGGCA AGTTCCAGGC TAGTCTAGAT TACATGAGAT 655351 CCTGATTGAA AGAAAAACAG AAGAGAAGAC TGACCACTAA CCTCTGACCT 655401 TCATACACAC CATACCCTCA CATGTGTGAC ACCCATGCAT ACACCATTCA 655451 AGAGTTCAGA GTTGACAGTC AAAAGCGGGA GCAAAACCTA TTGATCCTCT 655501 655551 GTTTCTCCA CAGCAAAACT GAGAGCTTGC TAAATAGTGT TTCTGGGGAG TGCCTGGCCC TGGCCCACCC TCCTGTATGT CAGGAACATG TTTGCAGAGC 655601 655651 AGAGGGCCTG CATCTTGGAG GATTTCAGTT CCAGGAAAGT ATACCACATG 655701 GGAGAAGGGA CATTTGCCTC AGTTTCAAGA GGAGATGAGA AAAACCAATA 655751 ACTCGTAACA GGCGTGCTGA ATTAGCAGGA GAAGTTTGAC TTGTAATCAA 655801 AGTTAACCGA GAAATGGTTT TTTGAACTCT TAAACCCAGG AAATGAGCTT 655851 GCCAATCTGC TGCATCGGAG AGATAGCATC TTGGCACCCT GGGAAACAGA 655901 GTTCCGACAA ACACATTATT ACACTCGTTC TCATATCTGT ACGAAAGTCT 655951 TTAAGATTAT TAGAAATTCT TGACAAAGCC CAGGGACATG CCTGCAGAAA 656001 TGCTAATGCG TCTGTTGTGA TTCATGGAAG GTTTATGCCG GTCGCTACCA 656051 AGTCACCCTG CTCCCCGGTG GCTGCCGTTT GGGGACAGGC ATGTTTAGGG 656101 CAACATTCTA TCTCTAACAC AACACTGGCT AGCCCTAGCA GGAATTTCTG TGTGTTCTCC TTACCTCTCT CAAACCCCTT TGGTTCCATT TAGCTTGTCC 656151 TTGCAGAAGA TCCATTATCC CCGTAATTAA ACAACCCACT GTCCCGATTA 656201 AGCCGTTCTC TGTTACTTCA ATTACATCCC ATTGTTCATT AAGTCCTGAT 656251 GTTTGCACTT CAGCAATCTT GTTTTTAATA CTCCTAGCAT TTGTGGAGAA 656301 ACAGTGAAGT TAATTAACAA TTCTTAAGCT CTTTTTTTTT TCTTTCTACC 656351 ATAGTGCAAA TCATTTCCAT TATGACTTGA GATAATACTG AAACCATTAC 656401 TAGCTTCATA GTTAGCTTCC TGATCAAAGA GTGAAACCAT TTTTCATAAT 656451 656501 CGTGTTAGGT AAGTCATTCC CTGGTCGATG GCAAGCTGTG GAAAATGAAA 656551 AATTAACTTT AAATGAGCGC TTTCAGTGCC GTTCCTCTTC GTGGTCTTTC TCTTCACGCC TATCGTCTTG GAATTAGAGA AATAATTTAG TTATCTCAGT 656601 656651 ACAAAAGTAT TTAATTTTCA TCTCTGTGGT TCAAATTAAT TATTCTTTCA TTATTTATAC CTTTTACAAA TCAGTTGCTT TGACTACAGC CATAGCACTC 656701 TGAACACGTT CCATTTCATC TGCTCTCGGA AGGTAAACAG AGGCAGGCCC 656751 656801 CCGTGACTAT TTGAATGGGA GAGTGGTATT GCAAAGGTTT GTCTTTTTGC 656851 CGTTGTCATT TTCCATTTGG TGATATATAT AGCAGGAATC ATCAGTCAAC 656901 AGCCTGGGGA CAAATGAGAC CCCTGGACTG TTTTTATGAA TAAAGCTTTA TTGGAACACT ACTCCGTGTA TTCATTTCTG TATTATGTCT GGCTGGCTCT 656951 TTACTAACAA TGGCAGAAAG TGTTAACTTG TCGCACCAAA GACCATATAA 657001 ACCTCAAAGC CTTAAATATT TTCTGCCTGA TCCTCAATAG ATAATTTGTC 657051 AGCTCTTAAA CTGACACTTG AAGGCGGGGG TGGGGGAGGA ATCTAGAATC 657101 TTCTCTCTAA TCTGAAAGTG CTTGGCAAAG TGTTCTCACT GTTCACAAAT 657151 CTTTGCTAGC TCTGTTCTCT CCATTCTAGG ACGTGCAAAC ATGCTAAGTA 657201 TAGAGAAACT GGTCACAGAA ACAAAGTGGG GCCAATGCCT TTCTCACCTT 657251 657301 GTCTTGTTCA GAGGACAAAG GCTTTCTTCC ACACTTCTCT GCCCACTGTA 657351 ATTCTGTGAG AGGAGCAGAC TCCCTAGCTG GGAGCTGTTG TCTATCCTTG 657401 ATGCGACAGG AGAGGGGGCT GGACATGGTA GGAGGCGGGT GAGCATGGGT 657451 TAGGGAGACA GTTGAAGGCA GGGAAGGCTT GTGCAGGGCT GAGGGGACAA 657501 CTGTTGAAAC CGCTTGGACC GCTGGCTATA CTGAGCAAGC TGCAGCCTTT 657551 CTGAGTTTGG TACATGAAAG AGACTTTCCT CTTGACTTTC ATTTGGCCCT 657601 GAAATGAAAT TAGAAATATA TTTTATAGCT TTTATTGAAT GAGAACAATT 657701 AAAATTCCTT TATAGGAATT ATAGGGTATG TCAGCAAGGA TGTGGCTGCA 657751 TCCAGCCCTT GTTAGCCACA GATATGTCAG AGAAGCTAAG CAGGTGACAT TATAGACCTC CCCTGGGACA GGGTTCTCCC CATATTCAGT TTATCCCAAG 657801 AAGCCTCAGT TTTTTGTTTC CTCTATACCT CAAGCTGGAG AGAACCACTA 657851 GCCAAGTAAG AATGTGTAGT TATTCACCCA TGTGCTGTGG GGCTAGGGTC 657901 AAAGACATGG GATTTAGGCT CTGAGAGTCC TAGGTATGAA ATTGGTCTTG 657951 GTCCATTACT GTGTGACTTT GGGCAGGTCA CCACCCATCA GCCTATTTAT 658001 TCATCTATGA ATAGTTGGTG ATAAAAGCCT AACCTTGTAG GTTTTTGTAG 658051 GTAACCTTTC TGACTTGTGC TAAAGTCAGA AAATTATGTG TGTAACACAC 658101 CTACTGCCTT TCCTGGCACA GAGGAAGTGG TCATTCTTTG TGACAGTGTT 658151 TTTCTTATCA CCTTTAAGGT ACACTAAAGG GAGGTCTCTC CTGTGGTCCT 658201 TCTAGTTGTT TTTTTATTGA TGATAGGTGA GGTAGGGGAA CCAGGTTAGC 658251 TAGCTCTGTC ATCATGATAA ACACATCTGA AATTCCCATG TGTTGTGTTA 658301 658351 GCTCTGTACC AGGTTACACA TGCTTCCTGT GTTTGGGCAC GGACAACCAA 658401 ATGGCAGAGA ATACCCTGAT AGGCAGGGCA GGAGTTGACA GTGGTAAACC

